

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058405.D
 Acq On : 05 Apr 2024 08:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:30:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	91353	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28419	4.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.911	69	23947	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.563	65	12784	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.637	46	60301	47.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	5.055	84	57518	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.695	65	27307	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.721	84	111917	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.682	67	34705	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	101229	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	10631	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	42629	45.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	23051	4.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	30698	4.319	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	37189	4.884	ug/L	99
3) Chloromethane	1.515	50	43886	4.709	ug/L	99
5) Vinyl chloride	1.599	62	44170	4.746	ug/L	99
6) Bromomethane	1.856	94	20990	4.767	ug/L	98
8) Chloroethane	1.930	64	27072	4.605	ug/L	100
9) Trichlorofluoromethane	2.136	101	59815	4.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	36212	4.959	ug/L	100
12) 1,1-Dichloroethene	2.576	96	31370	4.845	ug/L	97
13) Acetone	2.660	43	47202	43.390	ug/L	98
14) Carbon disulfide	2.789	76	94553	4.598	ug/L	98
15) Methyl Acetate	2.956	43	12543	4.887	ug/L	97
16) Methylene chloride	3.039	84	36242	4.218	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	70603	4.617	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	33370	4.918	ug/L	96
19) 1,1-Dichloroethane	3.859	63	70729	4.776	ug/L	97
21) 2-Butanone	4.714	43	72665	44.689	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	36241	4.756	ug/L	97
23) Bromochloromethane	4.968	128	14675	4.888	ug/L	97
25) Chloroform	5.078	83	69327	4.836	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058405.D
 Acq On : 05 Apr 2024 08:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

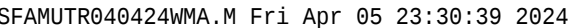
Instrument :
 MSVOA_U
 ClientSampleId :

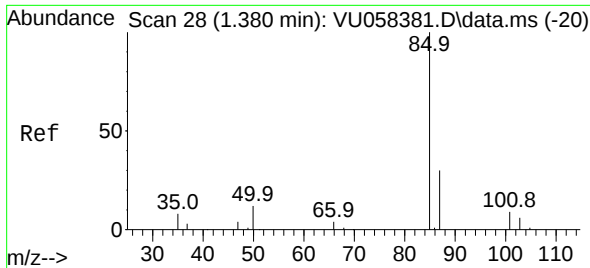
Quant Time: Apr 05 23:30:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	42746	4.897	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	56185	4.782	ug/L	99
30) Cyclohexane	5.380	56	58464	4.712	ug/L	98
31) Carbon tetrachloride	5.518	117	47859	4.810	ug/L	99
33) Benzene	5.766	78	151191	4.760	ug/L	100
34) Trichloroethene	6.534	95	38535	4.813	ug/L	97
35) Methylcyclohexane	6.756	83	58155	4.821	ug/L	99
37) 1,2-Dichloropropane	6.782	63	40417	4.836	ug/L	100
38) Bromodichloromethane	7.100	83	45970	4.819	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	50590	4.761	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	184268	46.843	ug/L	100
42) Toluene	7.962	91	159912	4.800	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	40118	4.787	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	24415	5.002	ug/L	95
47) Tetrachloroethene	8.547	164	28347	4.829	ug/L	98
48) 2-Hexanone	8.679	43	132731	47.530	ug/L	98
49) Dibromochloromethane	8.801	129	27062	4.796	ug/L	100
50) 1,2-Dibromoethane	8.917	107	21606	4.840	ug/L	100
51) Chlorobenzene	9.441	112	95516	4.738	ug/L	99
52) Ethylbenzene	9.563	91	168893	4.785	ug/L	100
53) m,p-Xylene	9.689	106	62316	4.930	ug/L	95
54) o-Xylene	10.094	106	59839	4.829	ug/L	98
55) Styrene	10.107	104	97524	4.892	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	28787	4.781	ug/L	97
59) Bromoform	10.283	173	13567	4.811	ug/L	97
60) Isopropylbenzene	10.476	105	154180	4.990	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	20916	4.857	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	125271	4.972	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	126325	4.910	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	71383	4.756	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	66728	4.563	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	63600	4.659	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	3547	4.857	ug/L	90
69) 1,3,5-Trichlorobenzene	13.213	180	51424	4.634	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	34859	4.073	ug/L	98
71) Naphthalene	14.084	128	38585	3.290	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	28439	4.024	ug/L	99

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

Quant Time: Apr 05 23:30:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 00:02:56 2024
Response via : Initial Calibration

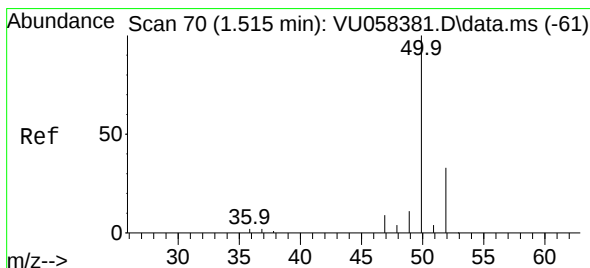
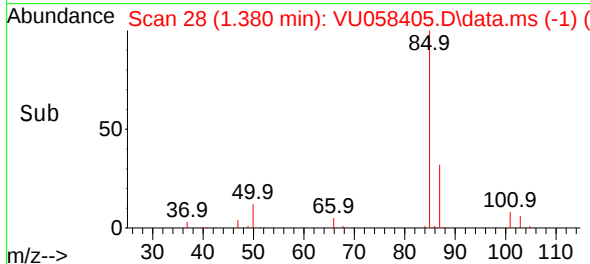
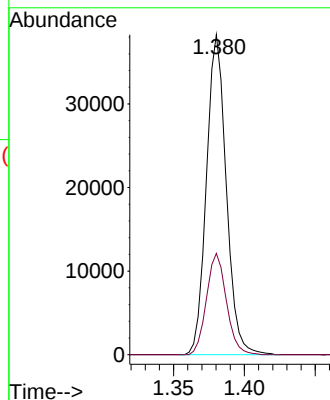
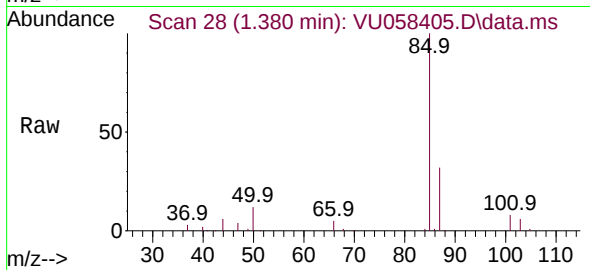




#2
 Dichlorodifluoromethane
 Concen: 4.884 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058405.D
 Acq: 05 Apr 2024 08:52

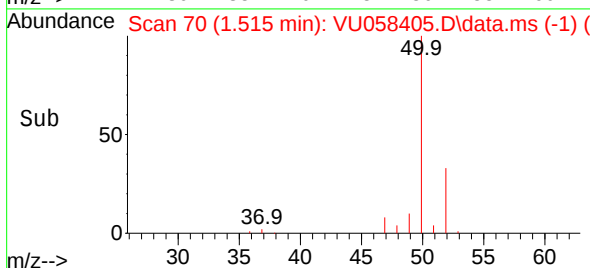
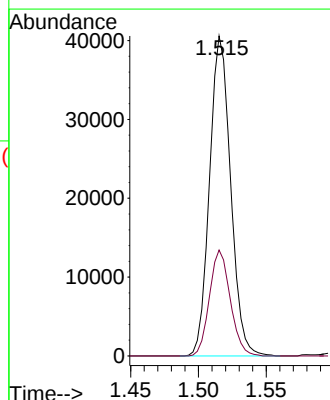
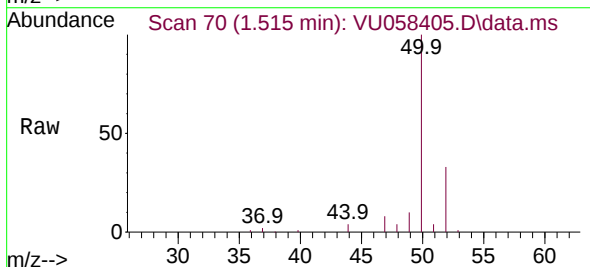
Instrument :
 MSVOA_U
 ClientSampleId :

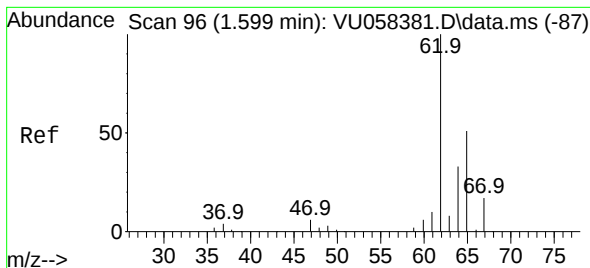
Tgt Ion: 85 Resp: 37189
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.9 38.9



#3
 Chloromethane
 Concen: 4.709 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058405.D
 Acq: 05 Apr 2024 08:52

Tgt Ion: 50 Resp: 43886
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.6 42.0





#5

Vinyl chloride

Concen: 4.746 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

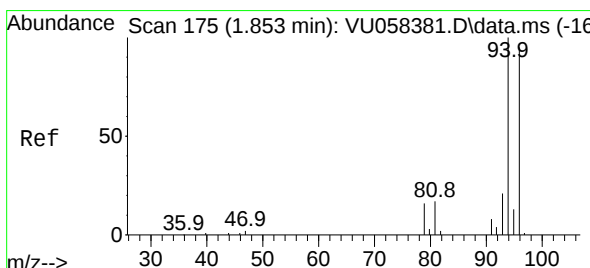
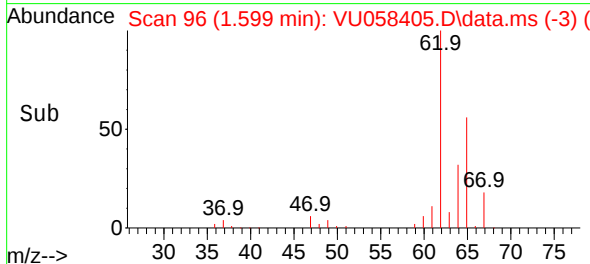
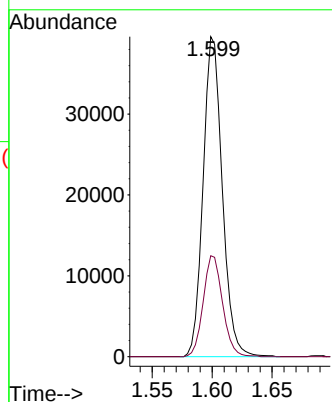
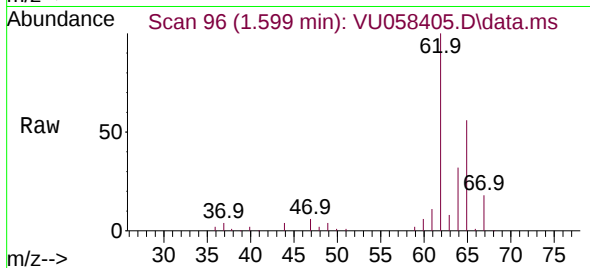
ClientSampleId :

Tgt Ion: 62 Resp: 44170

Ion Ratio Lower Upper

62 100

64 31.6 22.6 42.0



#6

Bromomethane

Concen: 4.767 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU058405.D

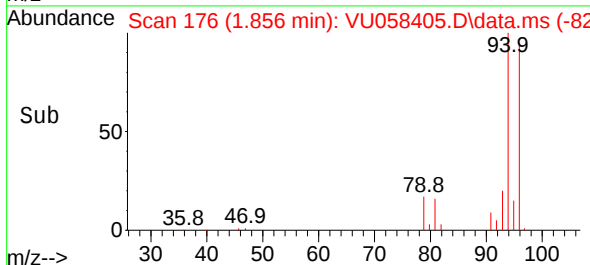
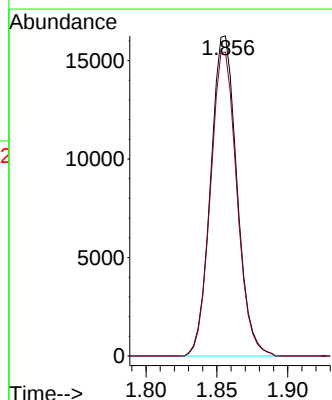
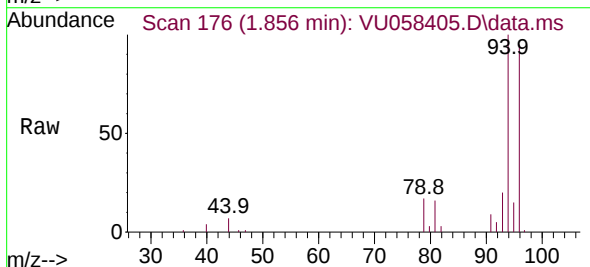
Acq: 05 Apr 2024 08:52

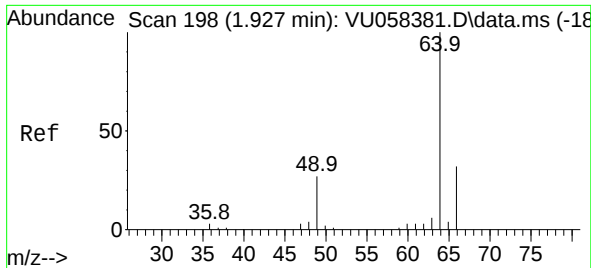
Tgt Ion: 94 Resp: 20990

Ion Ratio Lower Upper

94 100

96 95.0 65.4 121.4

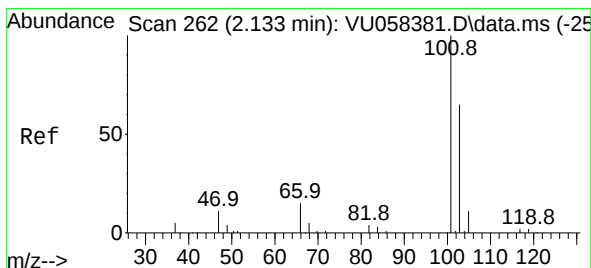
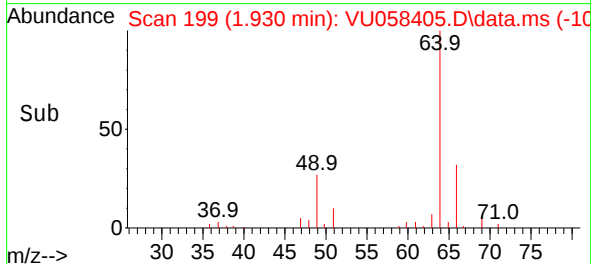
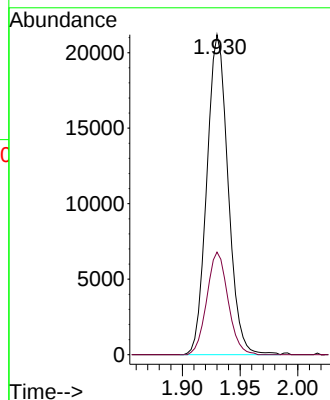
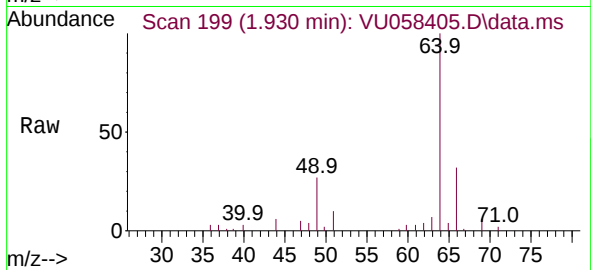




#8
Chloroethane
Concen: 4.605 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

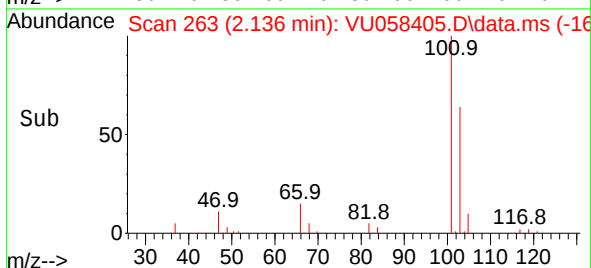
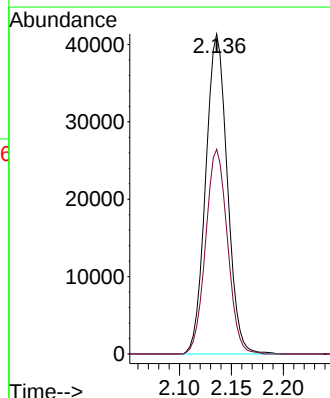
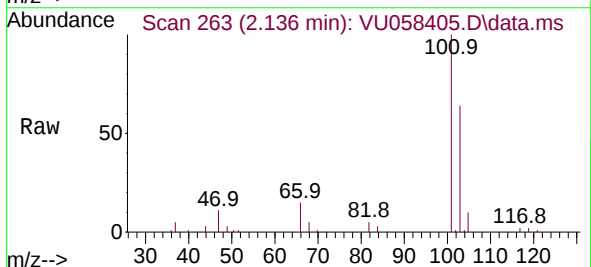
Instrument :
MSVOA_U
ClientSampleId :

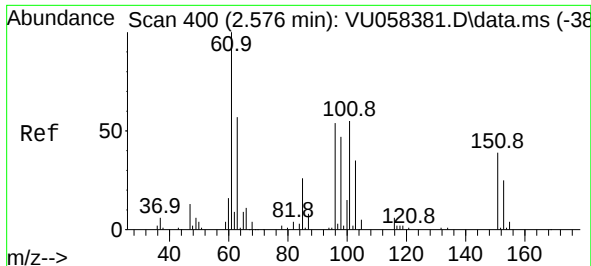
Tgt Ion: 64 Resp: 27072
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.867 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion:101 Resp: 59815
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8

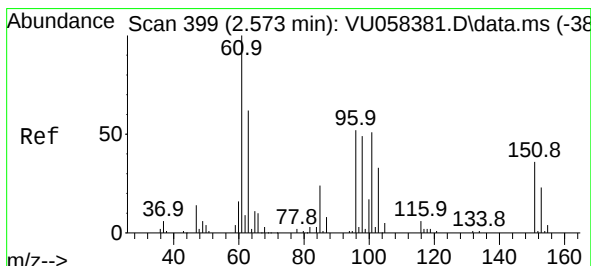
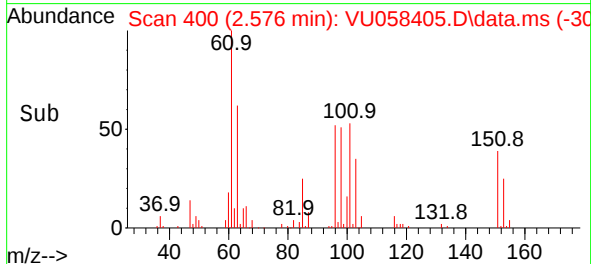
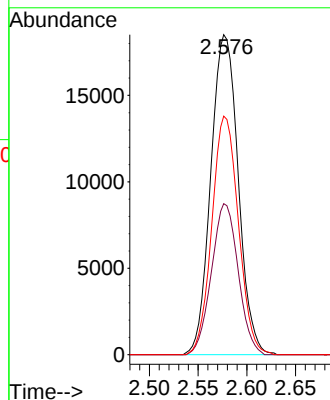
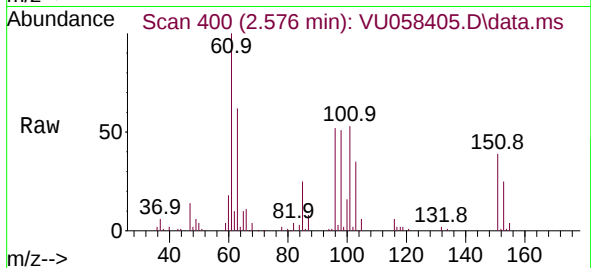




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.959 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

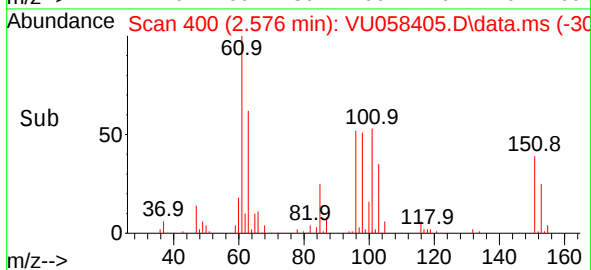
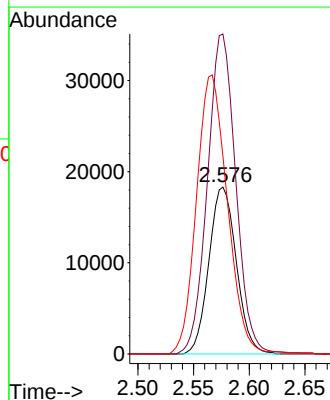
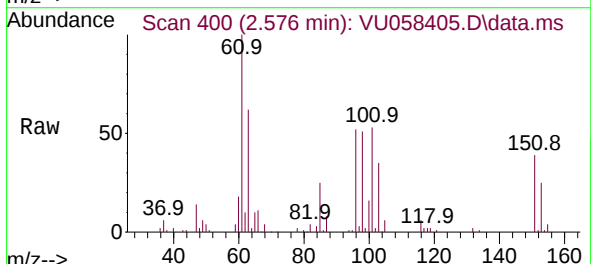
Instrument :
MSVOA_U
ClientSampleId :

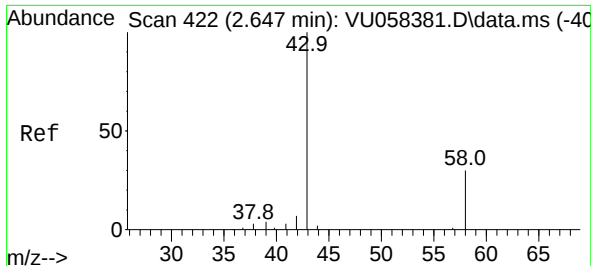
Tgt Ion:101 Resp: 36212
Ion Ratio Lower Upper
101 100
85 46.0 36.8 55.2
151 72.2 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.845 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion: 96 Resp: 31370
Ion Ratio Lower Upper
96 100
61 191.7 132.5 246.1
63 118.5 87.7 162.9





#13

Acetone

Concen: 43.390 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

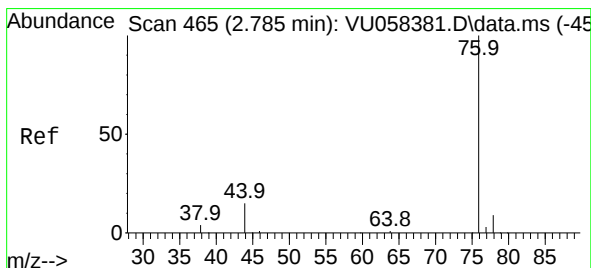
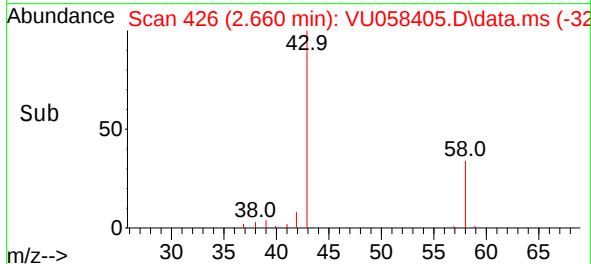
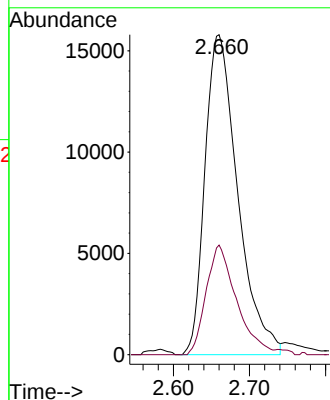
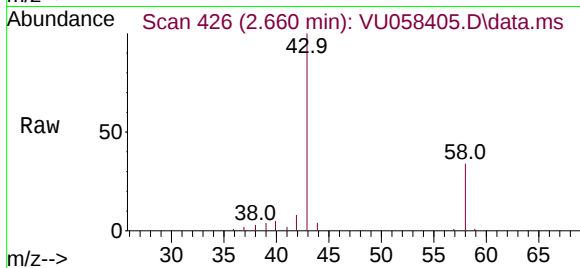
ClientSampleId :

Tgt Ion: 43 Resp: 47202

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.4



#14

Carbon disulfide

Concen: 4.598 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058405.D

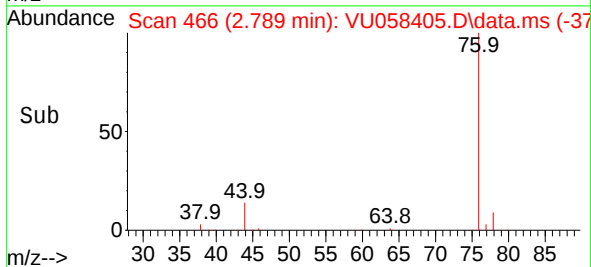
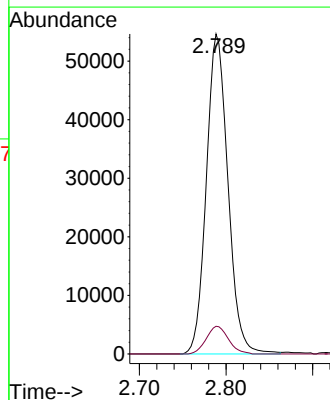
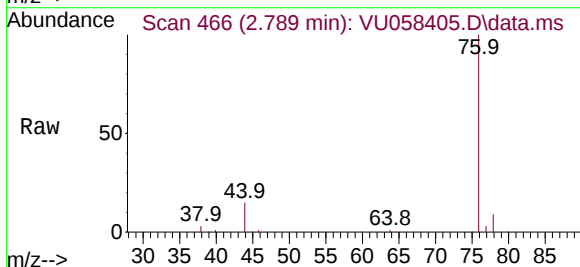
Acq: 05 Apr 2024 08:52

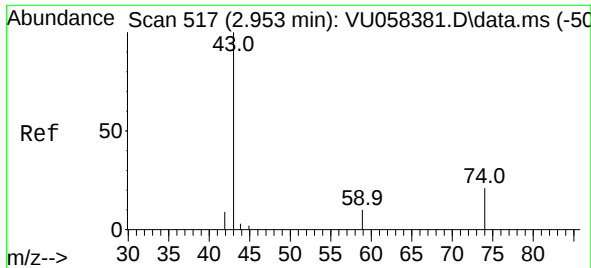
Tgt Ion: 76 Resp: 94553

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3





#15

Methyl Acetate

Concen: 4.887 ug/L

RT: 2.956 min Scan# 517

Delta R.T. 0.003 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

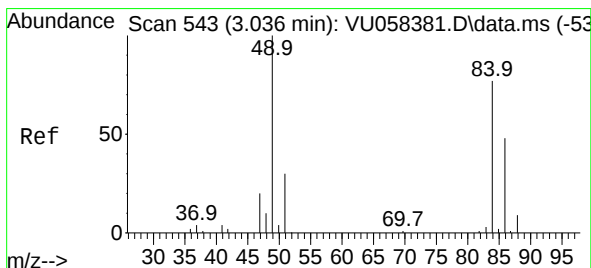
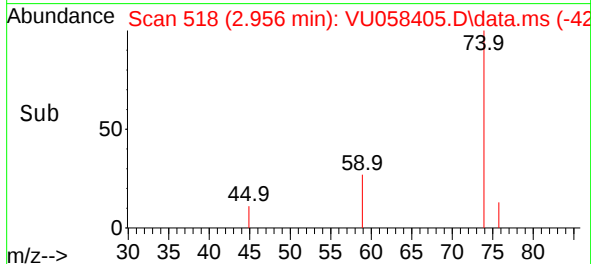
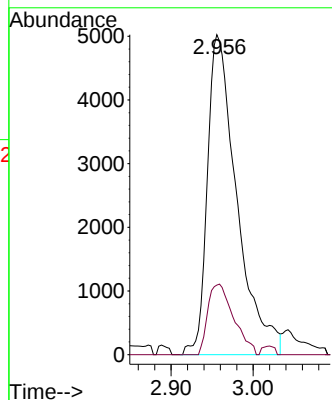
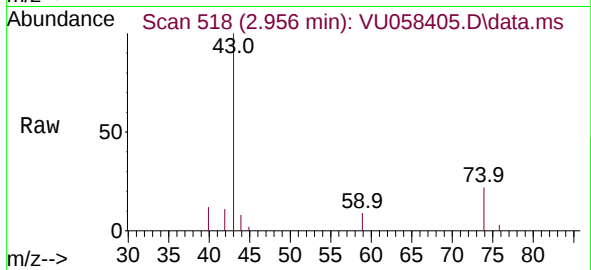
ClientSampleId :

Tgt Ion: 43 Resp: 12543

Ion Ratio Lower Upper

43 100

74 19.4 16.6 25.0



#16

Methylene chloride

Concen: 4.218 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

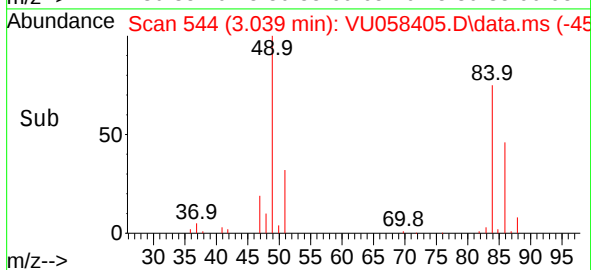
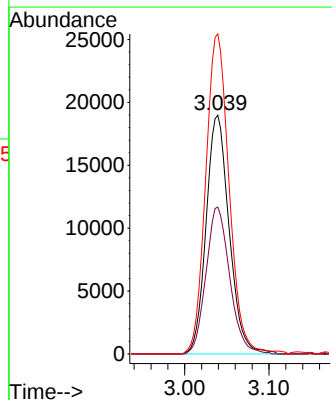
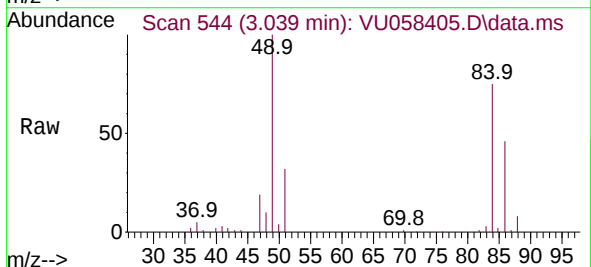
Tgt Ion: 84 Resp: 36242

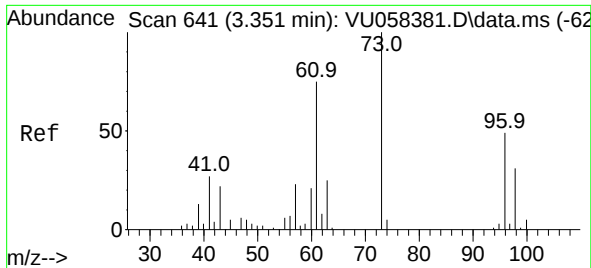
Ion Ratio Lower Upper

84 100

86 61.5 44.3 82.3

49 134.0 96.0 178.2

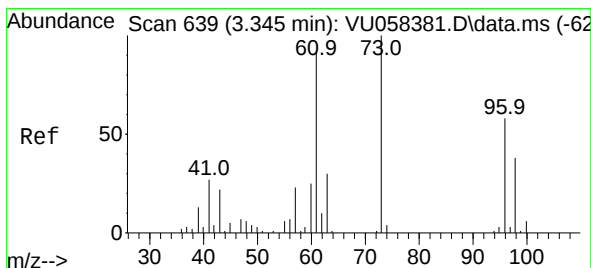
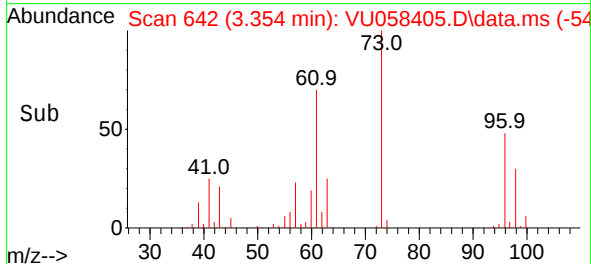
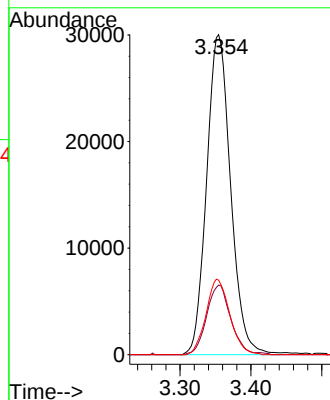
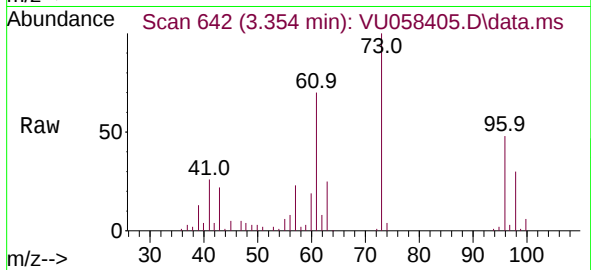




#17
Methyl tert-butyl Ether
Concen: 4.617 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

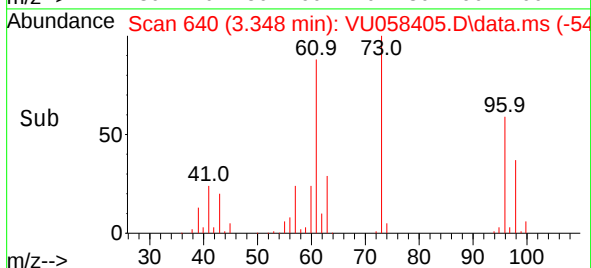
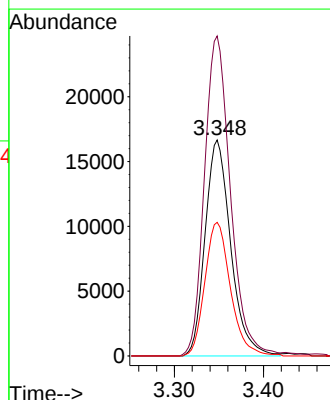
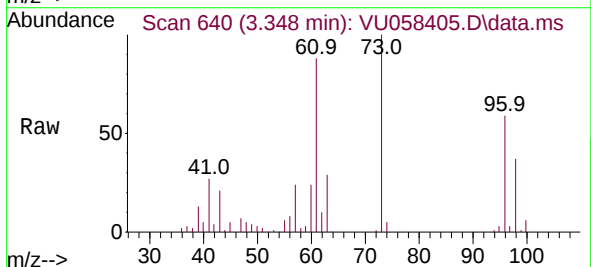
Instrument :
MSVOA_U
ClientSampleId :

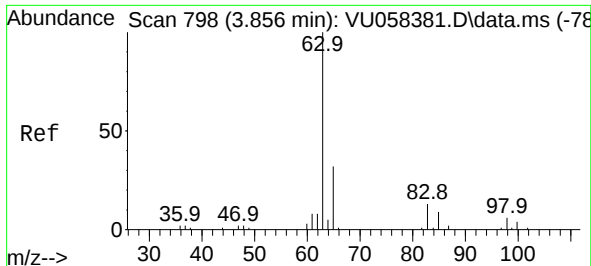
Tgt Ion: 73 Resp: 70603
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.2
57 23.3 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.918 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

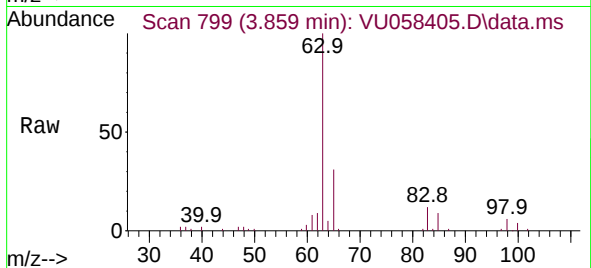
Tgt Ion: 96 Resp: 33370
Ion Ratio Lower Upper
96 100
61 148.2 107.6 199.8
98 61.9 45.1 83.7



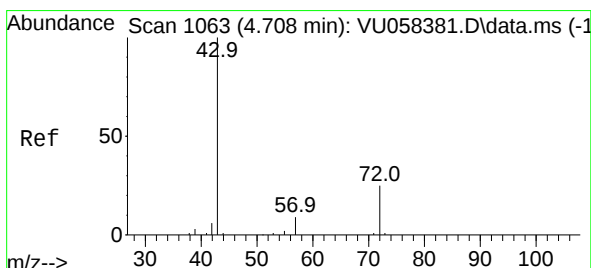
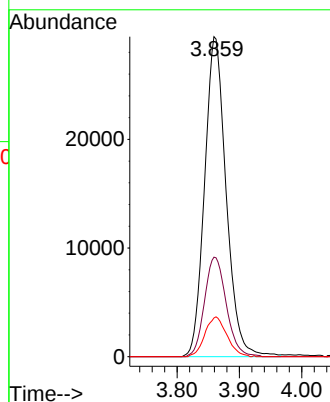
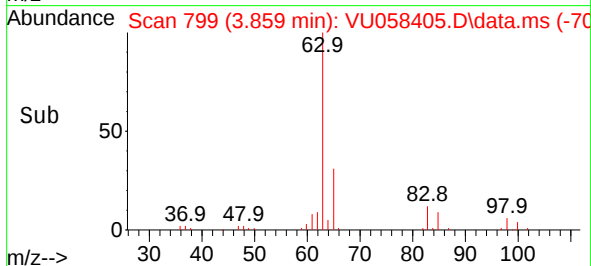


#19
1,1-Dichloroethane
Concen: 4.776 ug/L
RT: 3.859 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Instrument :
MSVOA_U
ClientSampleId :

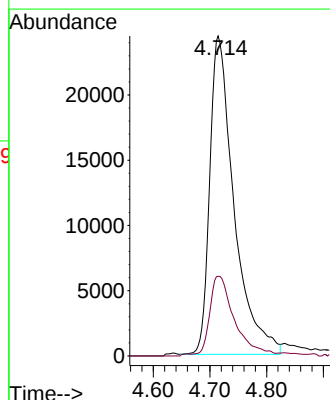
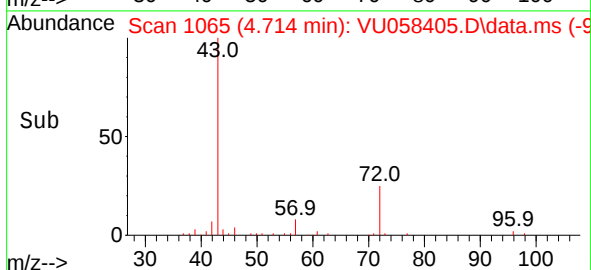
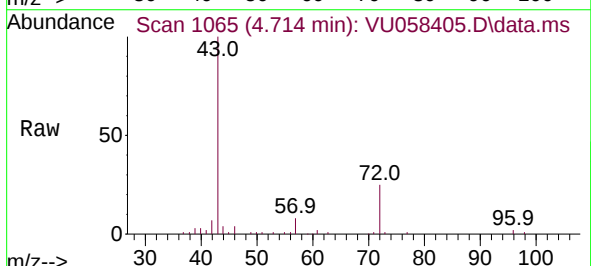


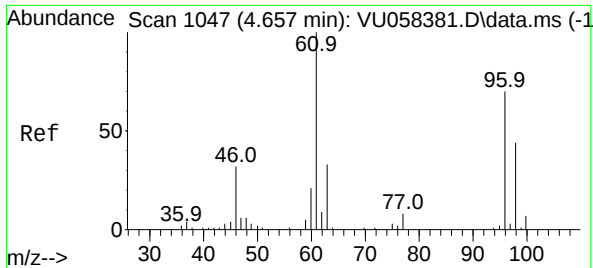
Tgt Ion: 63 Resp: 70729
Ion Ratio Lower Upper
63 100
65 31.1 22.9 42.5
83 12.1 9.6 17.8



#21
2-Butanone
Concen: 44.689 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

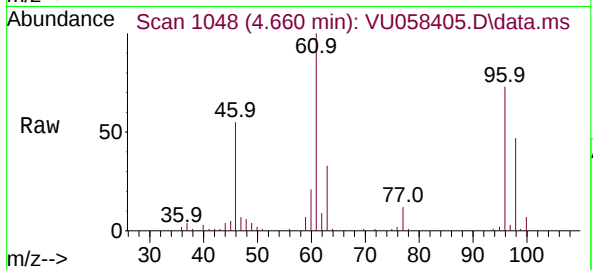
Tgt Ion: 43 Resp: 72665
Ion Ratio Lower Upper
43 100
72 23.8 11.7 35.0



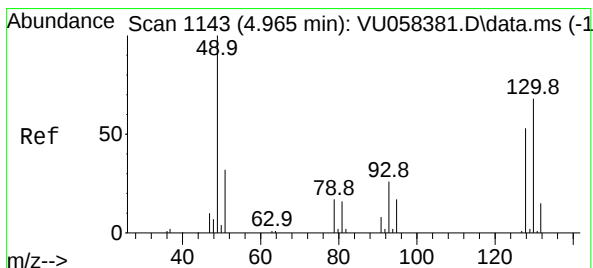
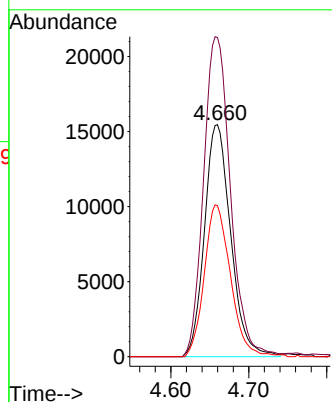
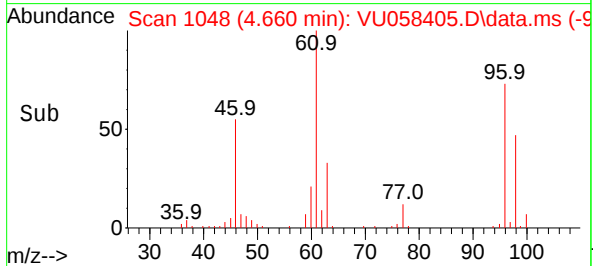


#22
 cis-1,2-Dichloroethene
 Concen: 4.756 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU058405.D
 Acq: 05 Apr 2024 08:52

Instrument :
 MSVOA_U
 ClientSampleId :

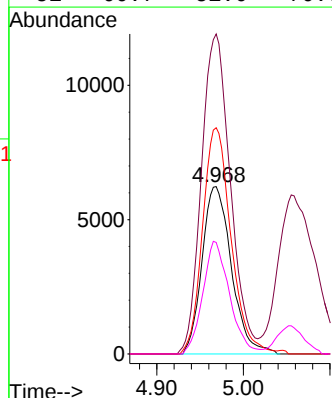
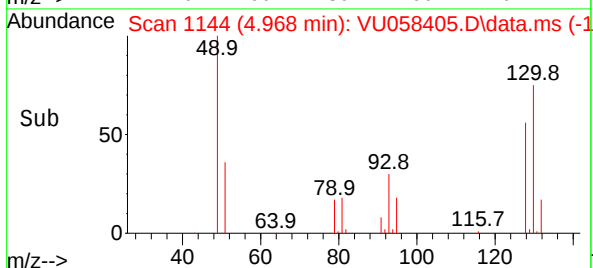
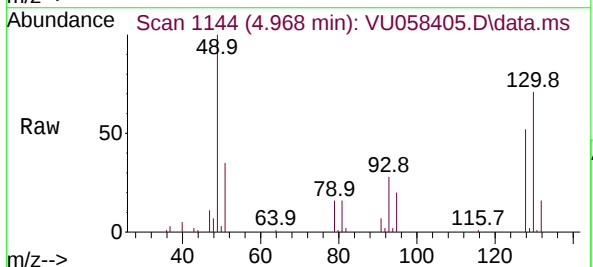


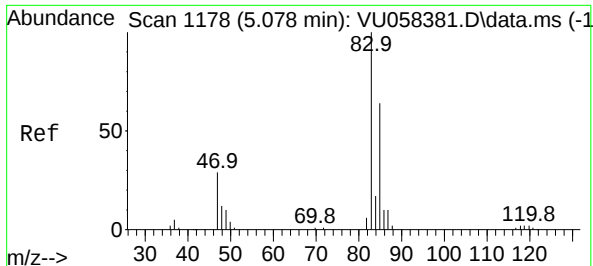
Tgt Ion: 96 Resp: 36241
 Ion Ratio Lower Upper
 96 100
 61 137.5 98.1 182.3
 98 65.1 43.6 81.0



#23
 Bromochloromethane
 Concen: 4.888 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU058405.D
 Acq: 05 Apr 2024 08:52

Tgt Ion: 128 Resp: 14675
 Ion Ratio Lower Upper
 128 100
 49 191.3 134.4 249.6
 130 135.2 90.0 167.2
 51 66.7 51.0 76.6





#25

Chloroform

Concen: 4.836 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

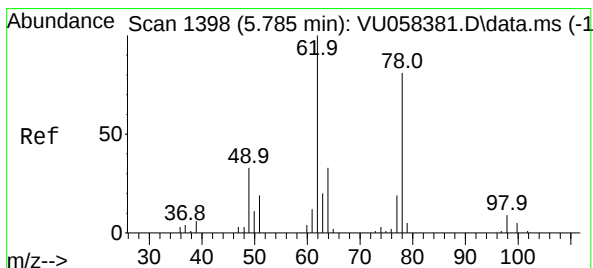
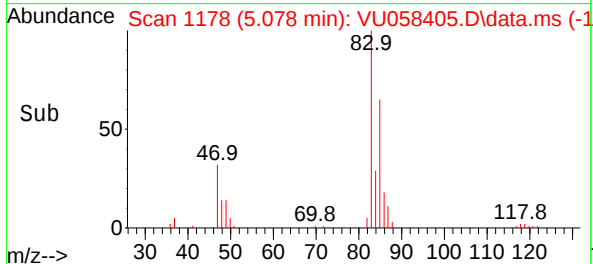
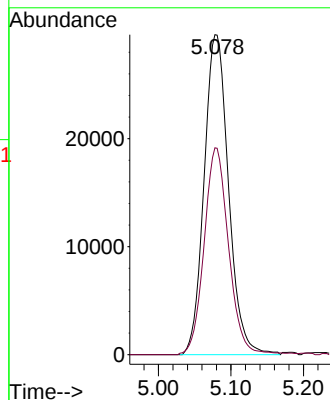
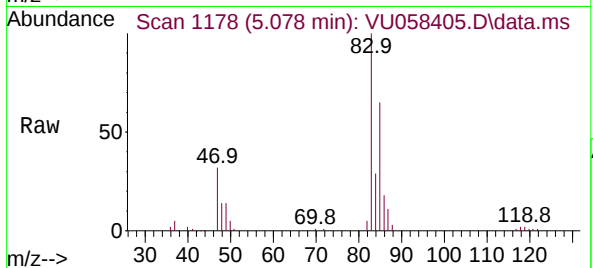
ClientSampleId :

Tgt Ion: 83 Resp: 69327

Ion Ratio Lower Upper

83 100

85 64.7 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.897 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU058405.D

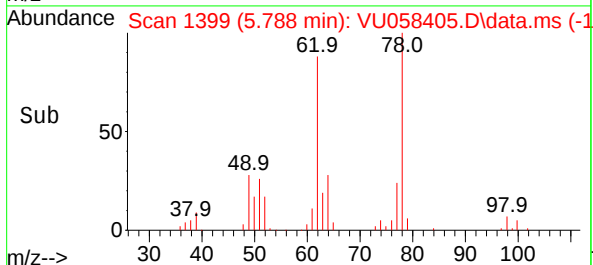
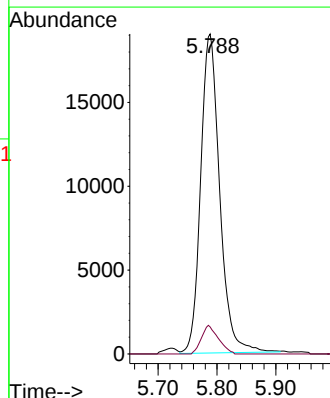
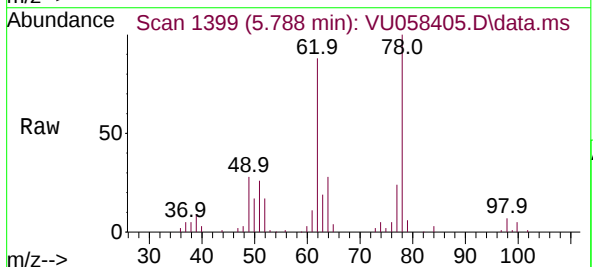
Acq: 05 Apr 2024 08:52

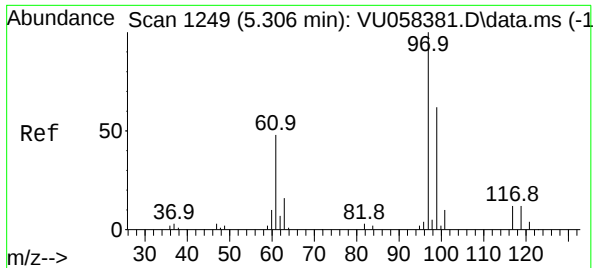
Tgt Ion: 62 Resp: 42746

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4

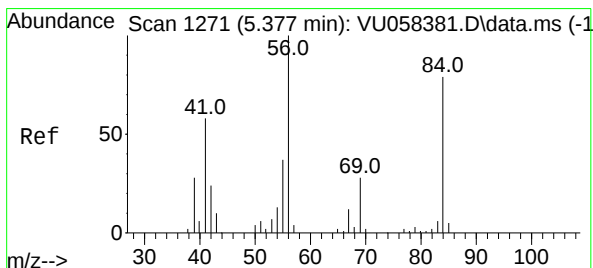
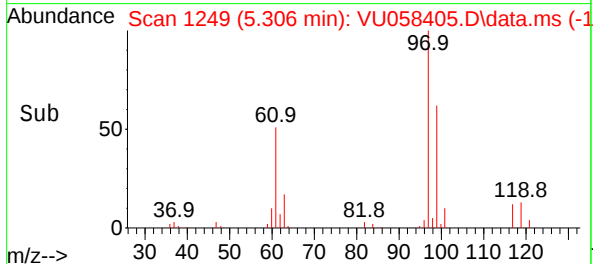
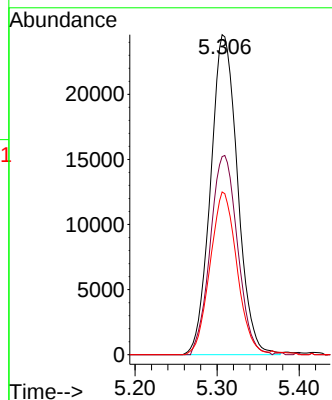
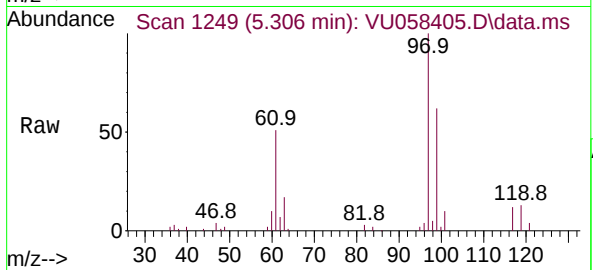




#29
1,1,1-Trichloroethane
Concen: 4.782 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

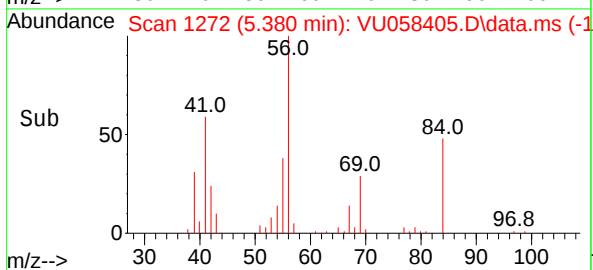
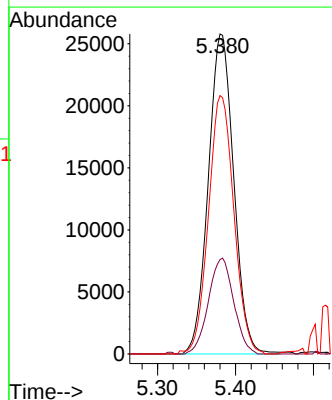
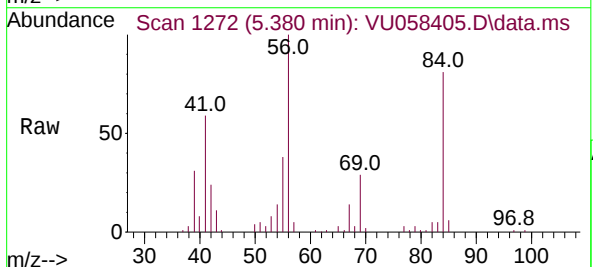
Instrument :
MSVOA_U
ClientSampleId :

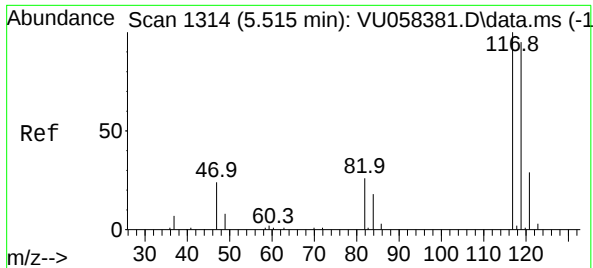
Tgt Ion:	97	Resp:	56185
Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.4	75.6
61	50.7	39.4	59.0



#30
Cyclohexane
Concen: 4.712 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion:	56	Resp:	58464
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.2	34.8
84	80.8	63.3	94.9

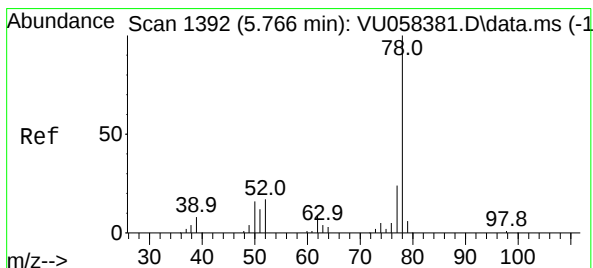
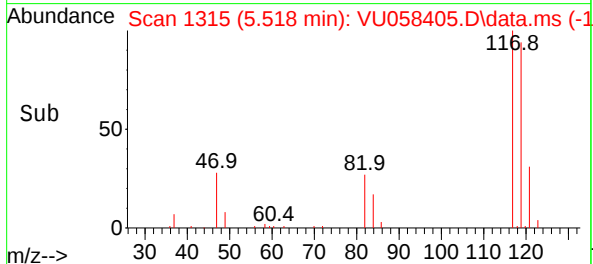
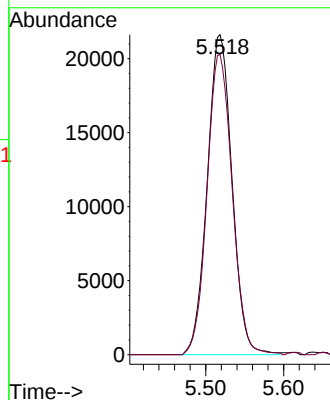
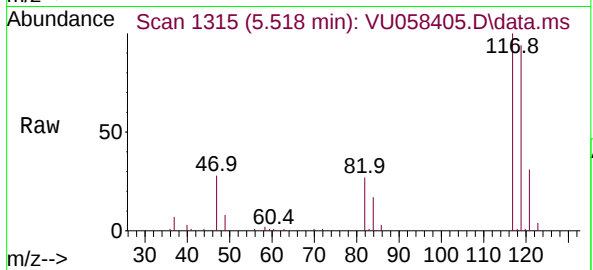




#31
Carbon tetrachloride
Concen: 4.810 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

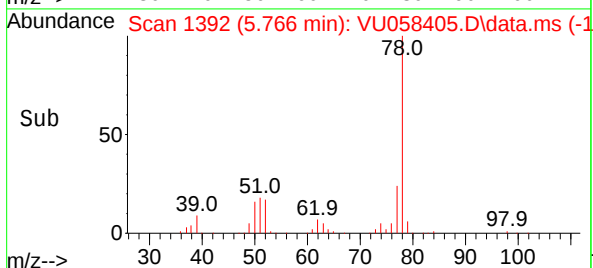
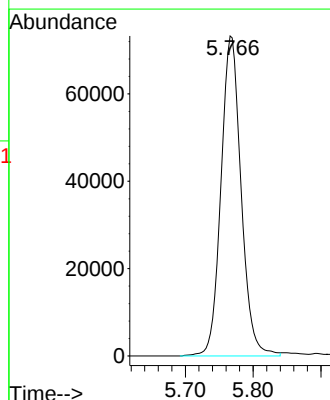
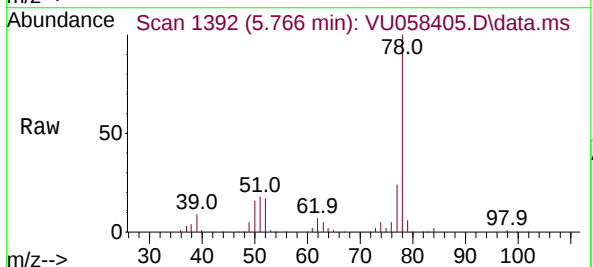
Instrument :
MSVOA_U
ClientSampleId :

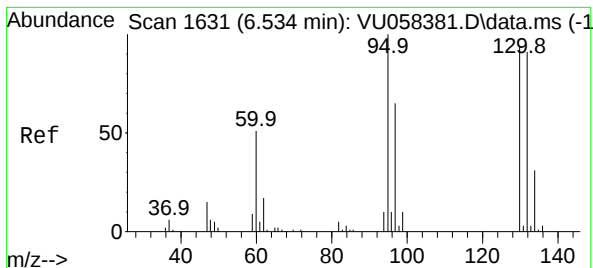
Tgt Ion:117 Resp: 47859
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1



#33
Benzene
Concen: 4.760 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion: 78 Resp: 151191





#34

Trichloroethene

Concen: 4.813 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

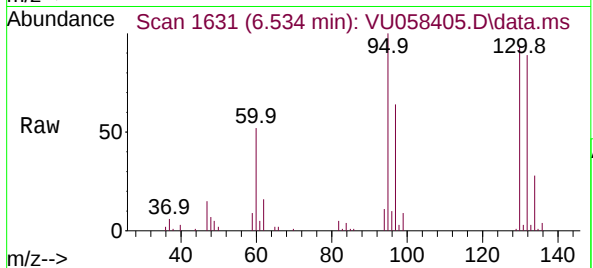
Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 38535

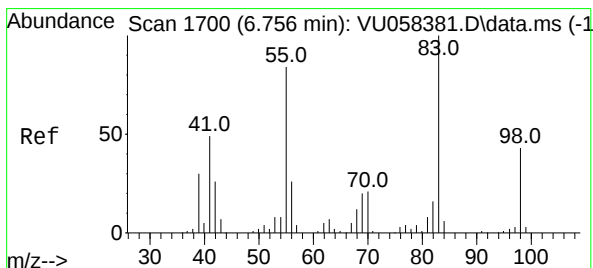
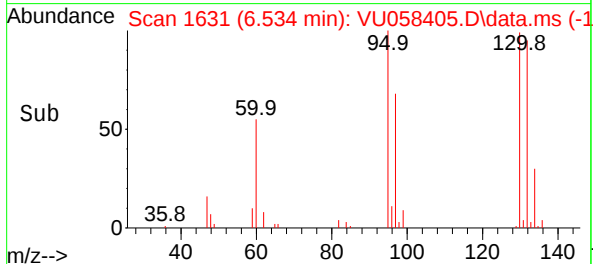
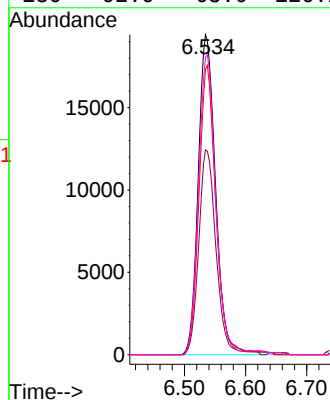
Ion Ratio Lower Upper

95 100

97 64.0 45.6 84.6

132 89.1 64.8 120.3

130 92.9 68.0 126.2



#35

Methylcyclohexane

Concen: 4.821 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

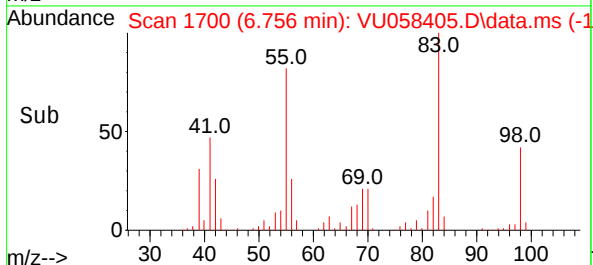
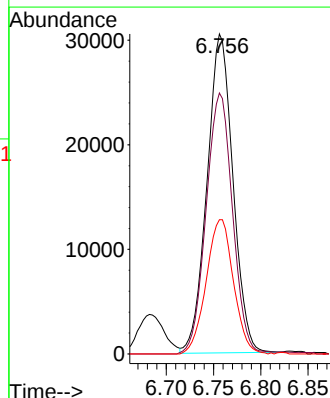
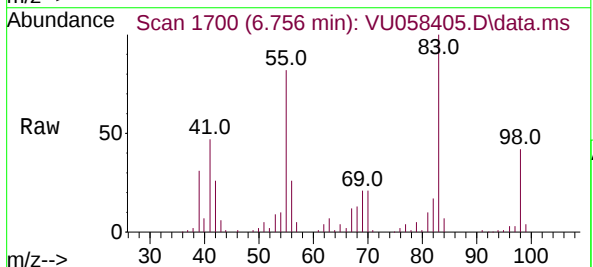
Tgt Ion: 83 Resp: 58155

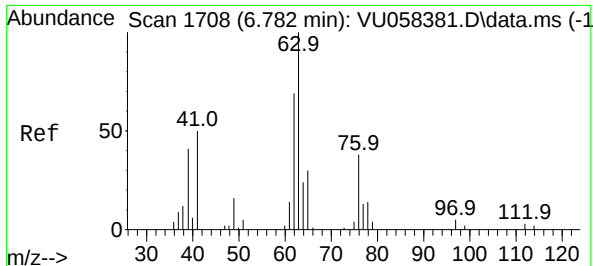
Ion Ratio Lower Upper

83 100

55 83.5 66.2 99.4

98 44.3 34.6 52.0

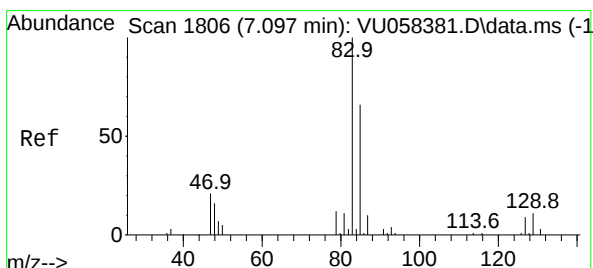
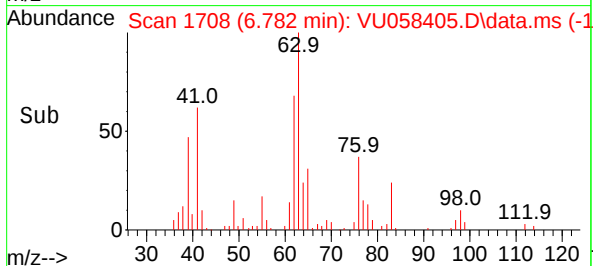
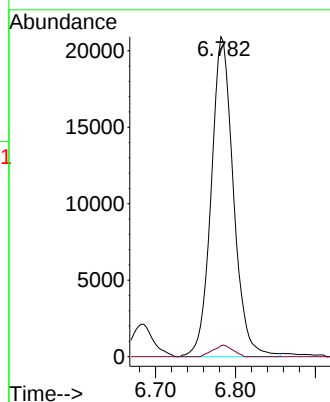
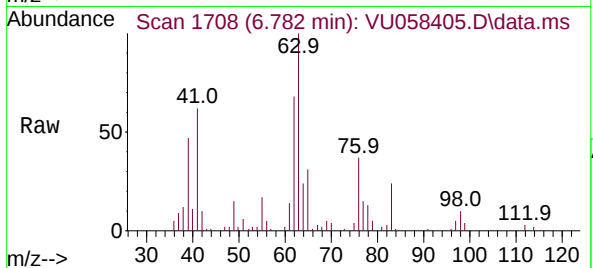




#37
1,2-Dichloropropane
Concen: 4.836 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

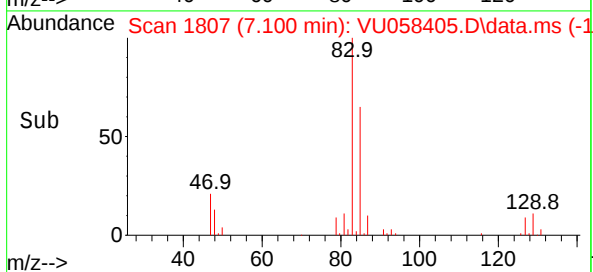
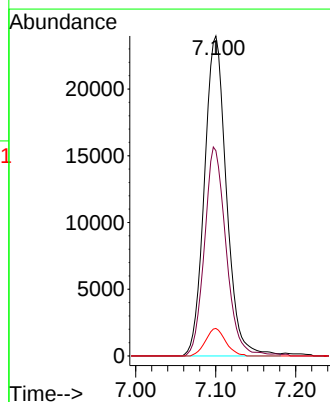
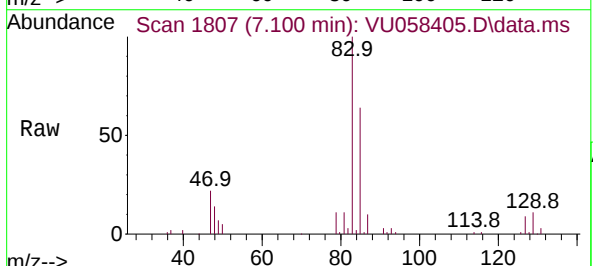
Instrument :
MSVOA_U
ClientSampleId :

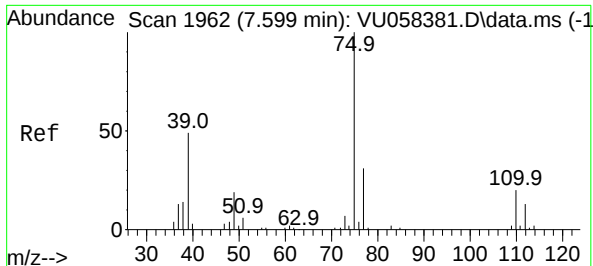
Tgt Ion: 63 Resp: 40417
Ion Ratio Lower Upper
63 100
112 3.2 2.6 4.0



#38
Bromodichloromethane
Concen: 4.819 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion: 83 Resp: 45970
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.2
127 8.6 6.5 9.7

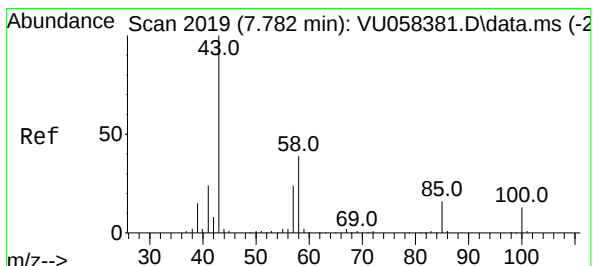
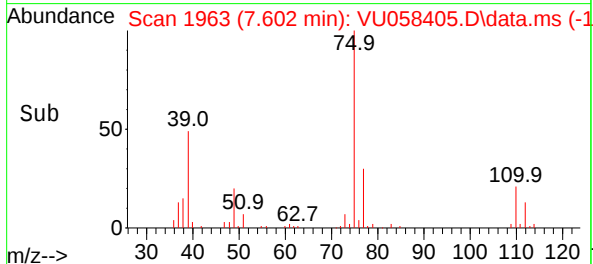
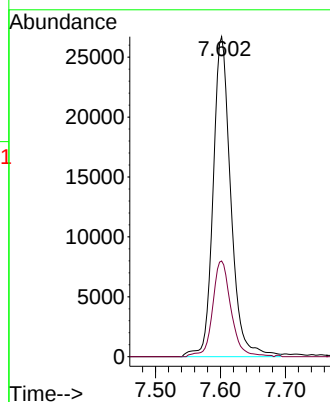
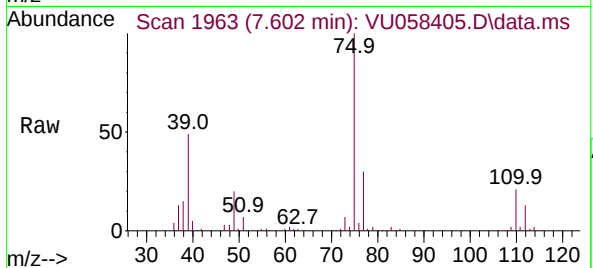




#39
cis-1,3-Dichloropropene
Concen: 4.761 ug/L
RT: 7.602 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

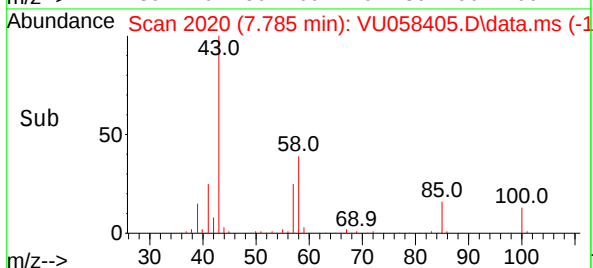
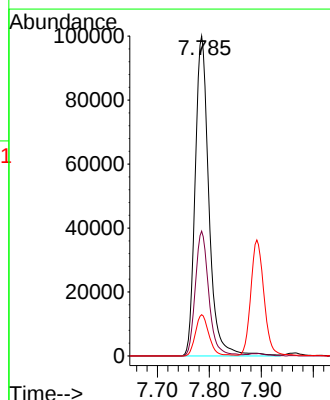
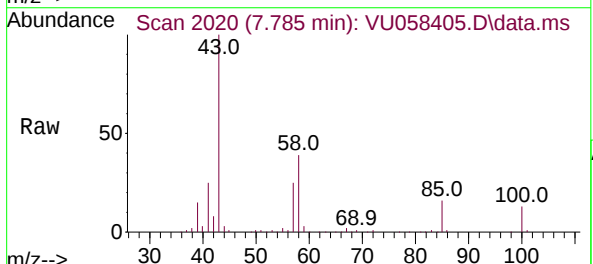
Instrument :
MSVOA_U
ClientSampleId :

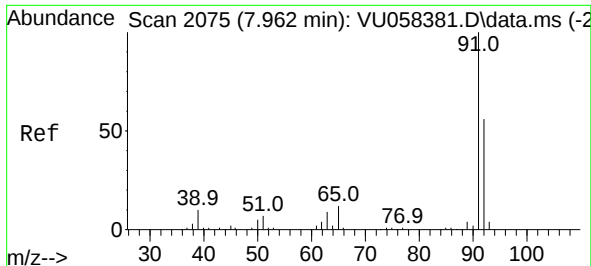
Tgt Ion: 75 Resp: 50590
Ion Ratio Lower Upper
75 100
77 29.9 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 46.843 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion: 43 Resp: 184268
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6
100 12.8 10.3 15.5





#42

Toluene

Concen: 4.800 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

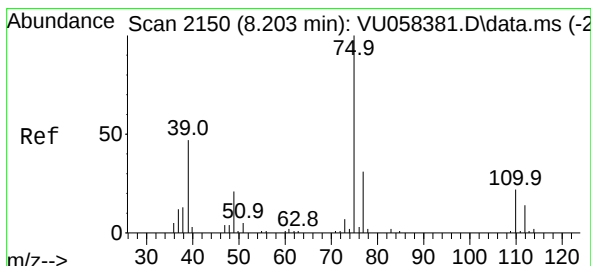
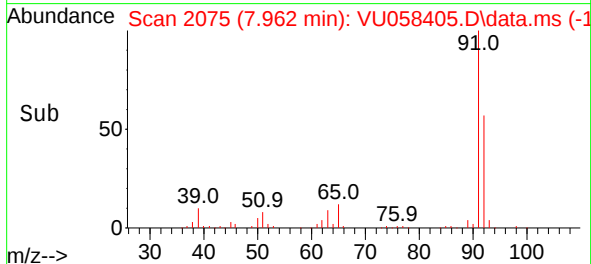
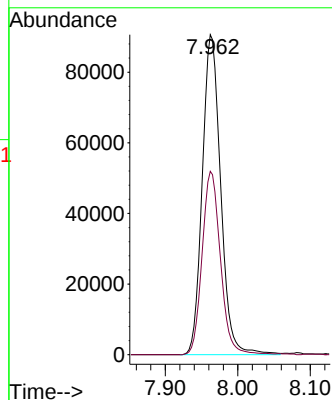
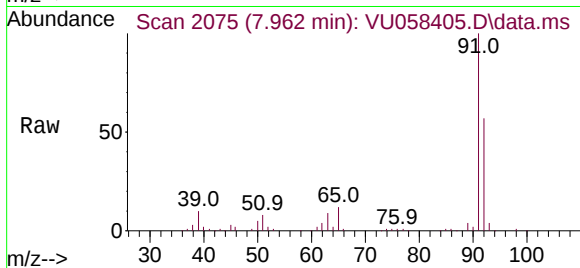
ClientSampleId :

Tgt Ion: 91 Resp: 159912

Ion Ratio Lower Upper

91 100

92 57.3 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.787 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058405.D

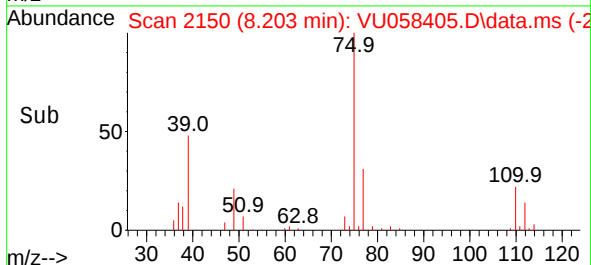
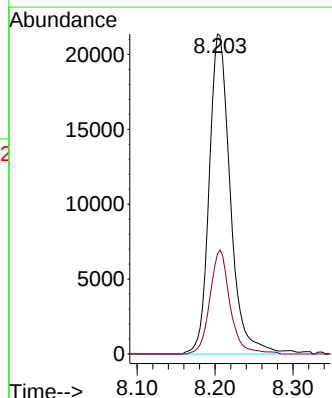
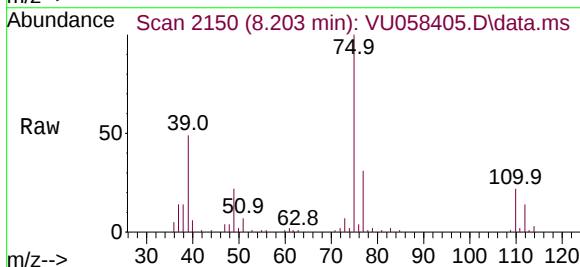
Acq: 05 Apr 2024 08:52

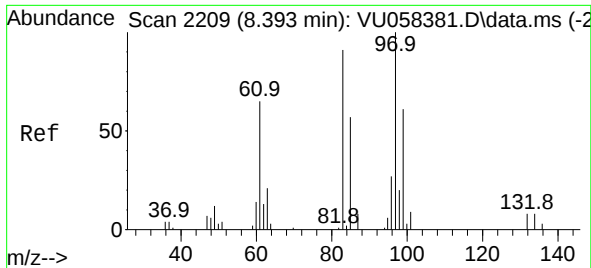
Tgt Ion: 75 Resp: 40118

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.002 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 24415

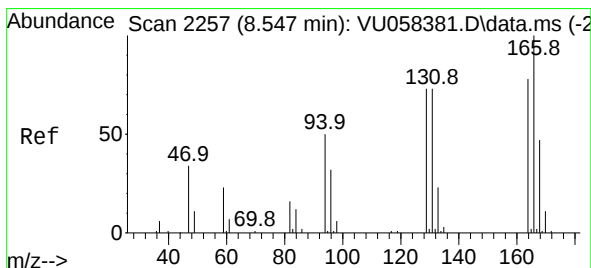
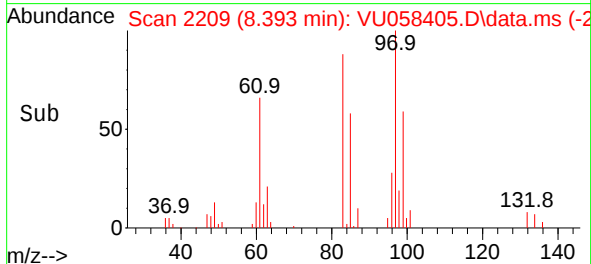
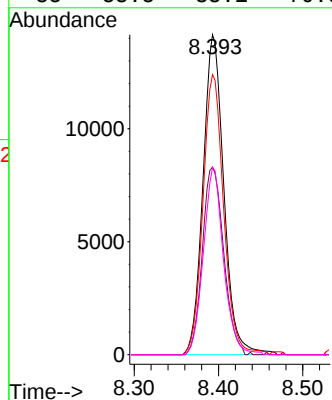
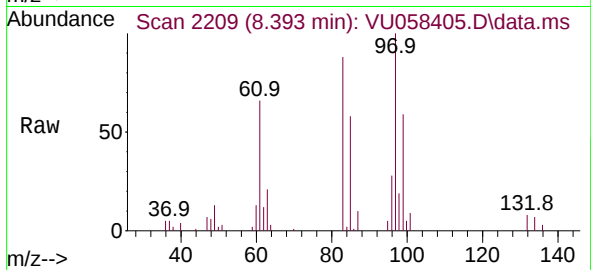
Ion Ratio Lower Upper

97 100

99 58.7 43.7 81.1

83 87.5 64.5 119.7

85 58.5 38.1 70.9



#47

Tetrachloroethene

Concen: 4.829 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Tgt Ion:164 Resp: 28347

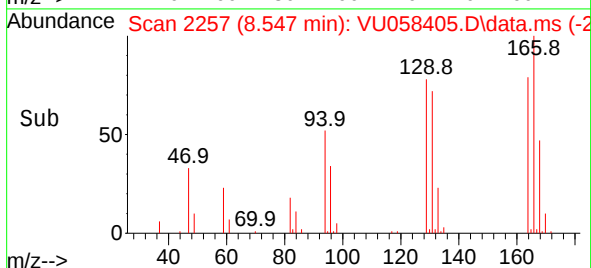
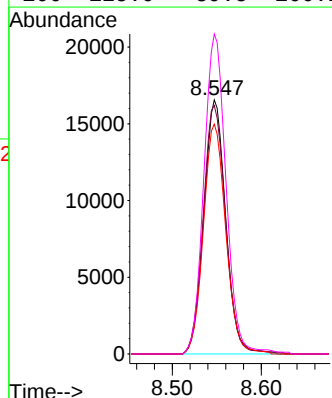
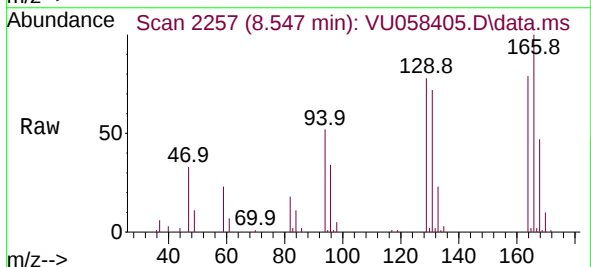
Ion Ratio Lower Upper

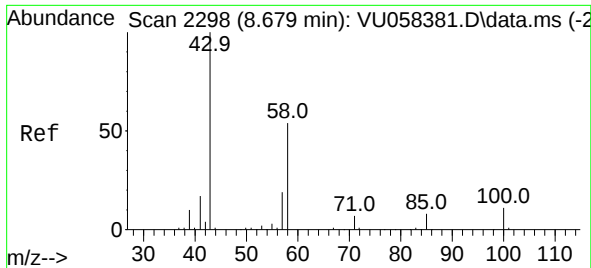
164 100

129 97.8 67.3 125.1

131 90.5 65.5 121.6

166 125.9 89.5 166.1

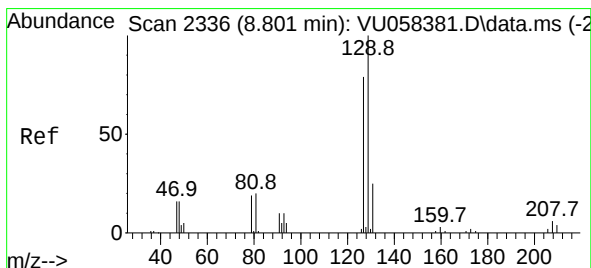
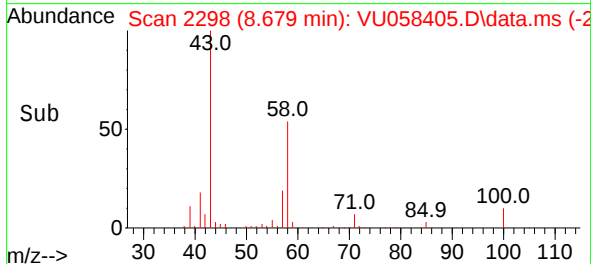
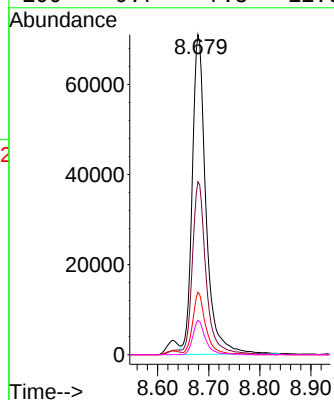
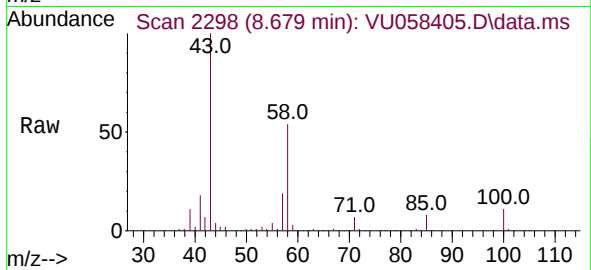




#48
2-Hexanone
Concen: 47.530 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

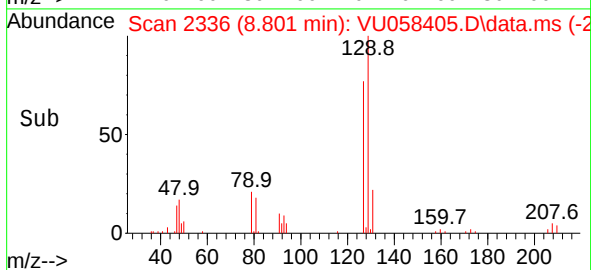
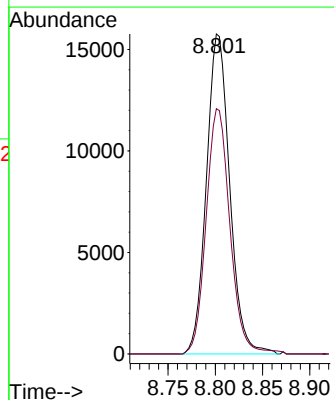
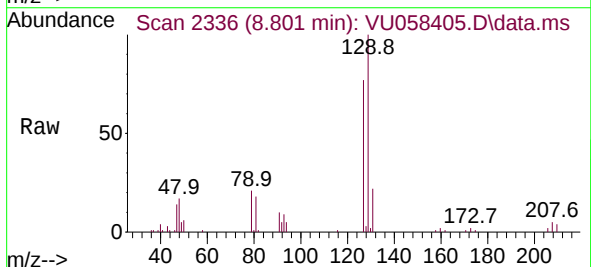
Instrument :
MSVOA_U
ClientSampleId :

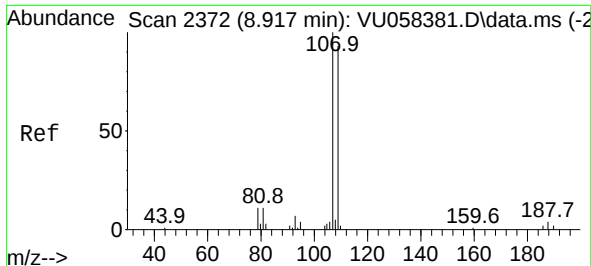
Tgt Ion: 43 Resp: 132731
Ion Ratio Lower Upper
43 100
58 55.0 43.2 64.8
57 17.7 15.4 23.0
100 9.7 7.8 11.6



#49
Dibromochloromethane
Concen: 4.796 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

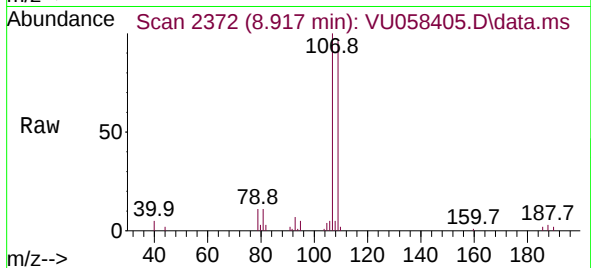
Tgt Ion: 129 Resp: 27062
Ion Ratio Lower Upper
129 100
127 76.6 53.5 99.5



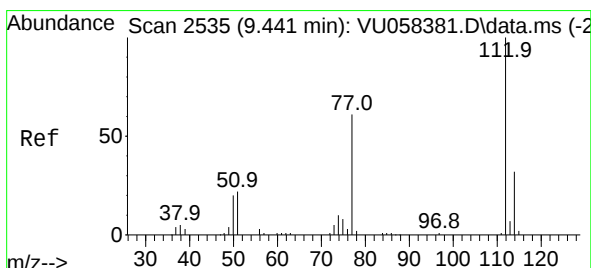
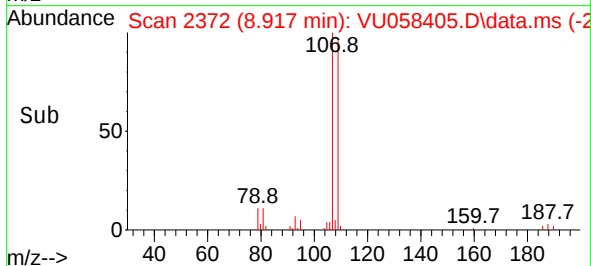
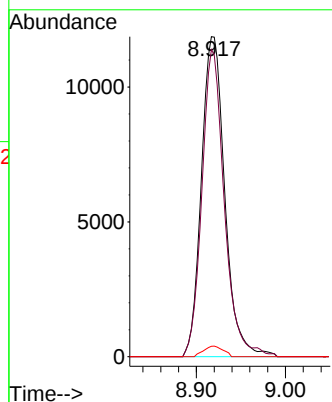


#50
1,2-Dibromoethane
Concen: 4.840 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Instrument :
MSVOA_U
ClientSampleId :

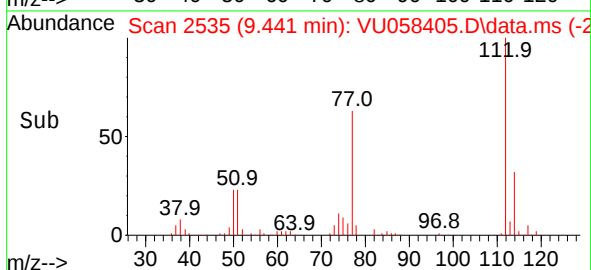
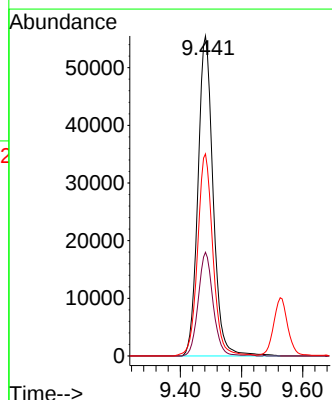
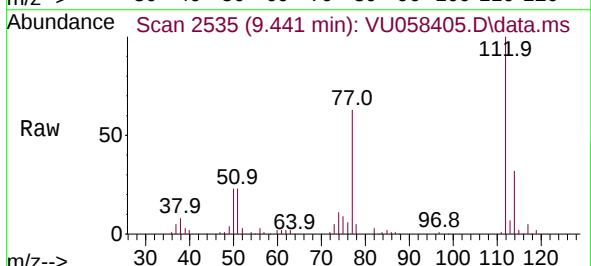


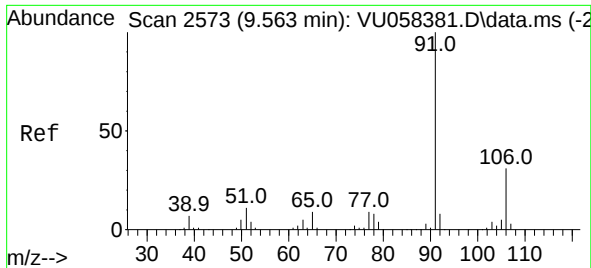
Tgt Ion:107 Resp: 21606
Ion Ratio Lower Upper
107 100
109 96.0 67.3 124.9
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 4.738 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion:112 Resp: 95516
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 63.2 50.1 75.1

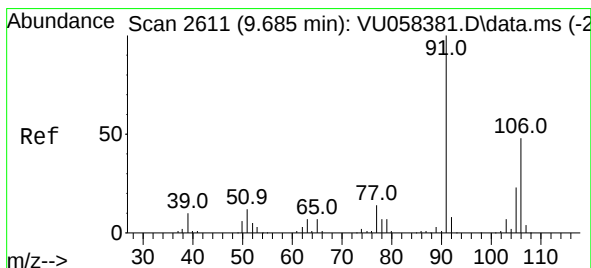
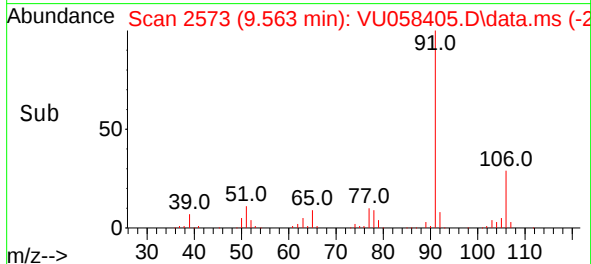
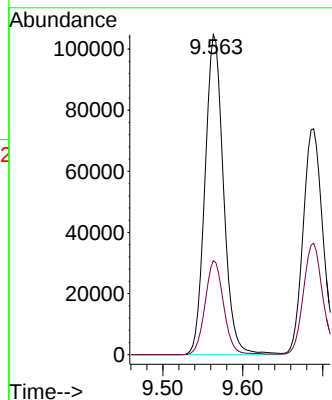
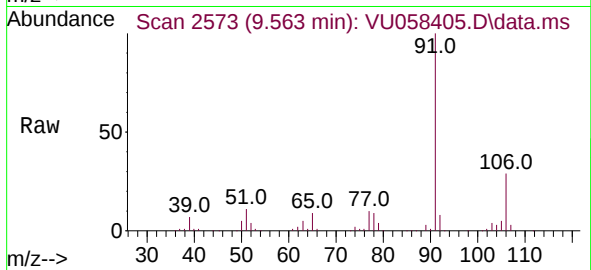




#52
Ethylbenzene
Concen: 4.785 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

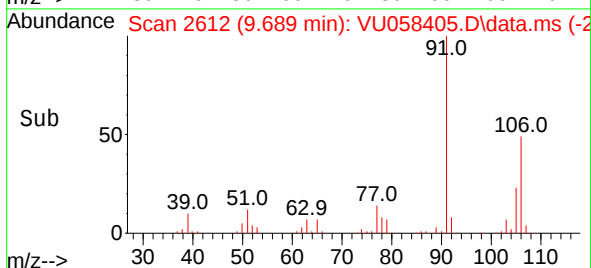
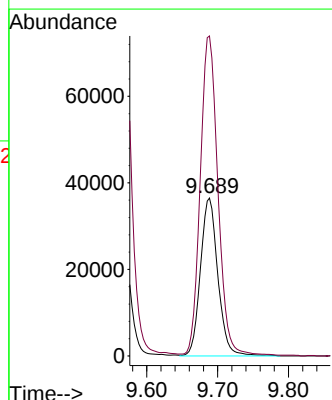
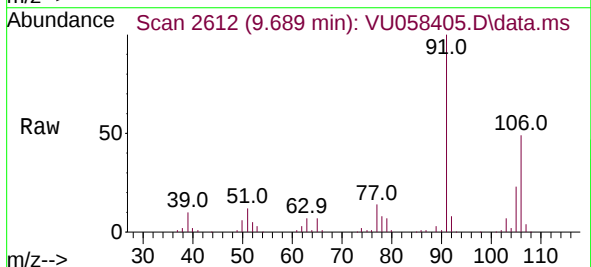
Instrument :
MSVOA_U
ClientSampleId :

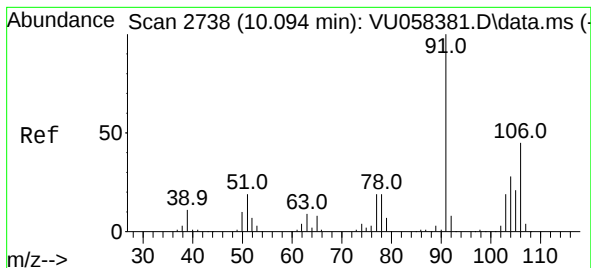
Tgt Ion: 91 Resp: 168893
Ion Ratio Lower Upper
91 100
106 29.4 20.6 38.4



#53
m,p-Xylene
Concen: 4.930 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion:106 Resp: 62316
Ion Ratio Lower Upper
106 100
91 202.6 147.8 274.4





#54

o-Xylene

Concen: 4.829 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

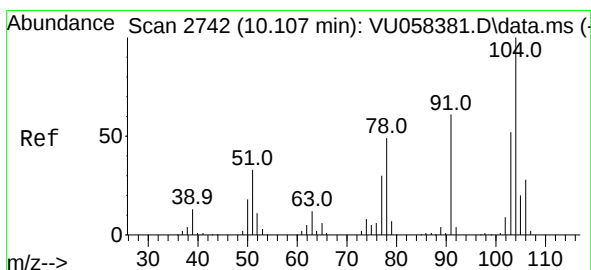
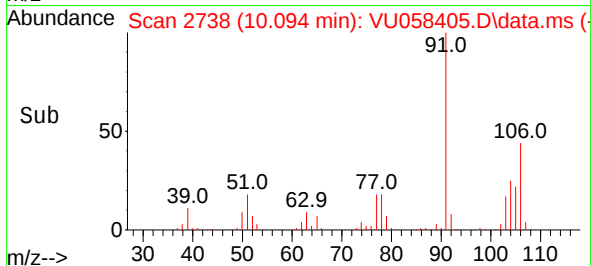
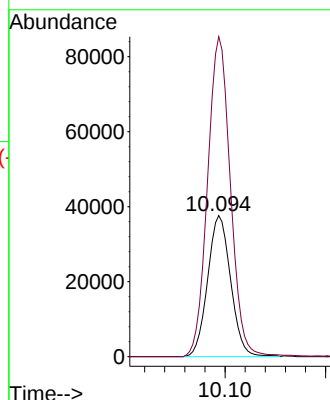
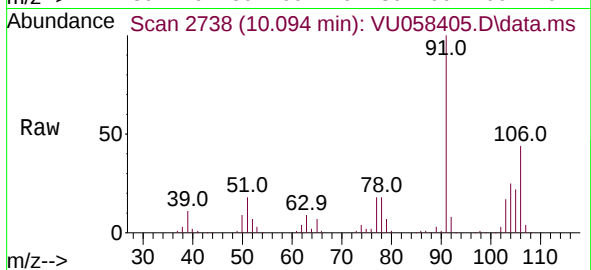
ClientSampleId :

Tgt Ion:106 Resp: 59839

Ion Ratio Lower Upper

106 100

91 226.8 156.9 291.5



#55

Styrene

Concen: 4.892 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058405.D

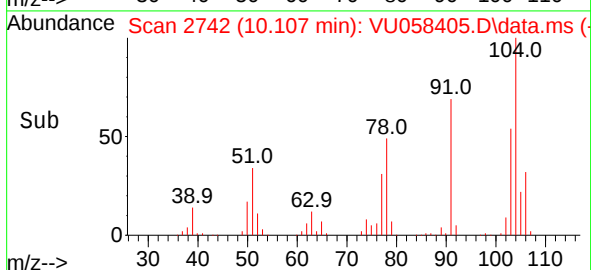
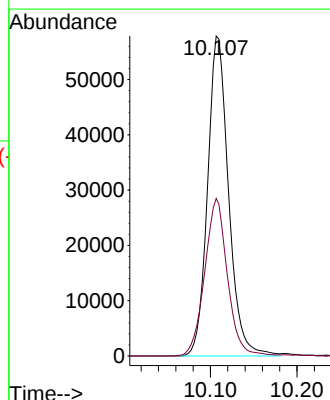
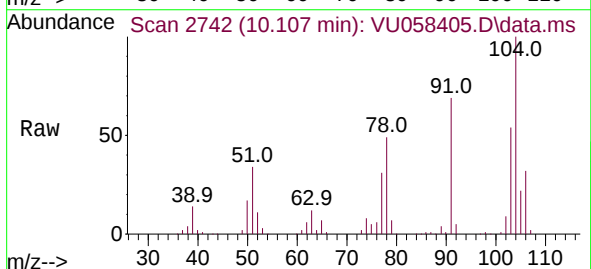
Acq: 05 Apr 2024 08:52

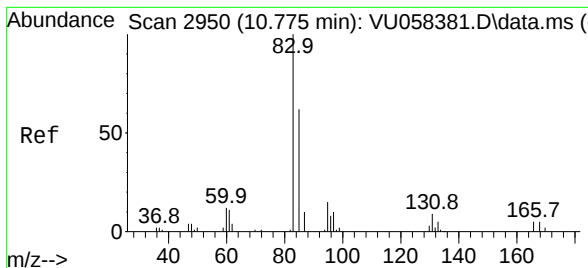
Tgt Ion:104 Resp: 97524

Ion Ratio Lower Upper

104 100

78 49.2 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.781 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

ClientSampleId :

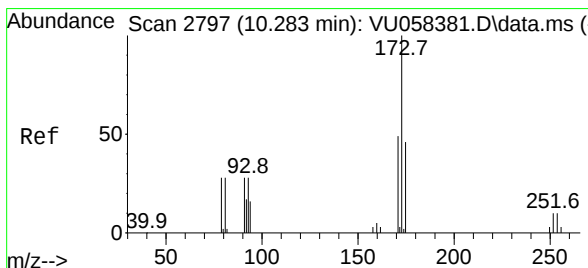
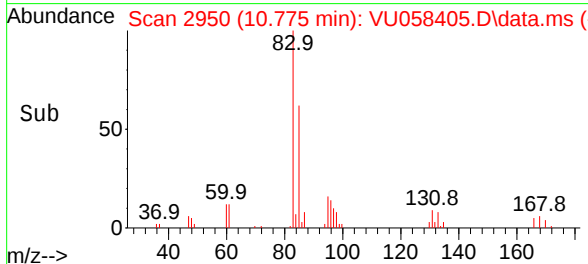
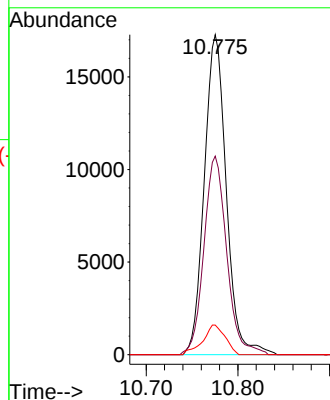
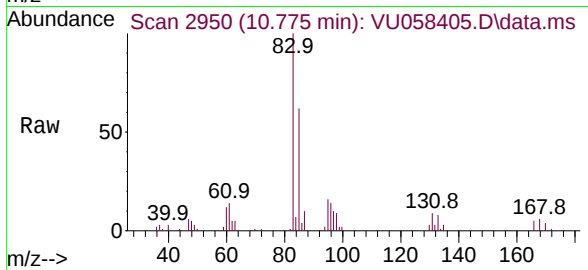
Tgt Ion: 83 Resp: 28787

Ion Ratio Lower Upper

83 100

85 62.0 45.1 83.7

131 9.2 6.9 10.3



#59

Bromoform

Concen: 4.811 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

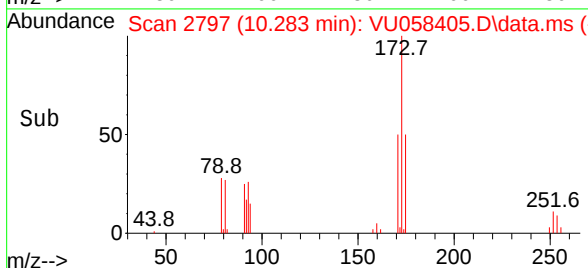
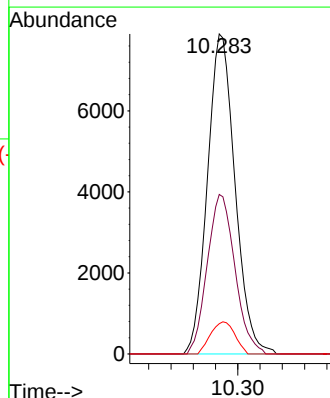
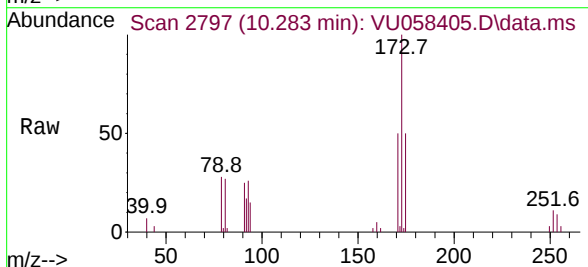
Tgt Ion:173 Resp: 13567

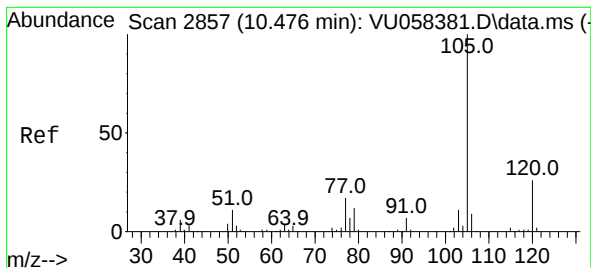
Ion Ratio Lower Upper

173 100

175 49.9 38.0 57.0

254 8.9 7.5 11.3





#60

Isopropylbenzene

Concen: 4.990 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

ClientSampleId :

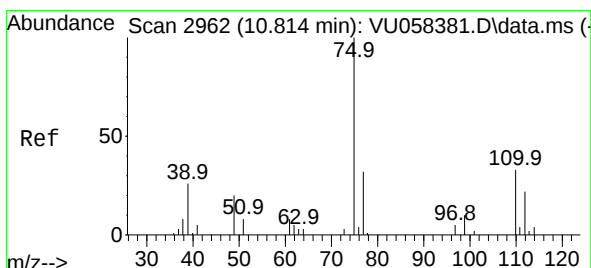
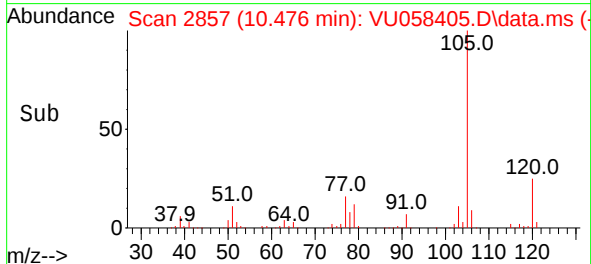
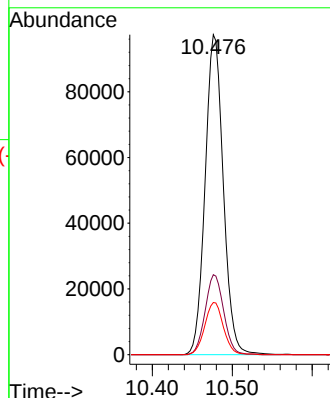
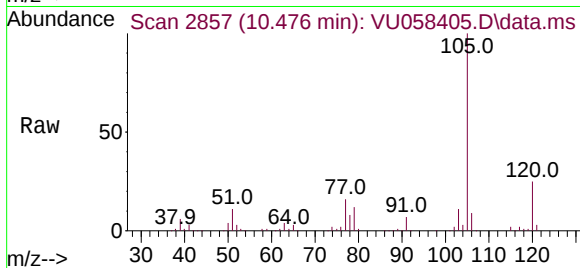
Tgt Ion:105 Resp: 154180

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.4

77 16.8 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.857 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

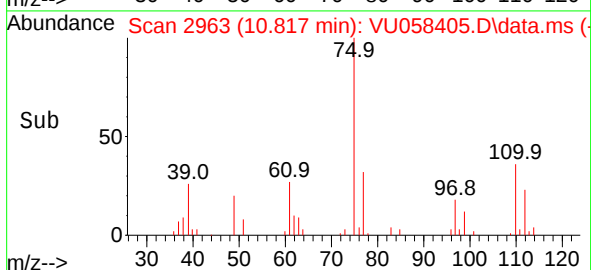
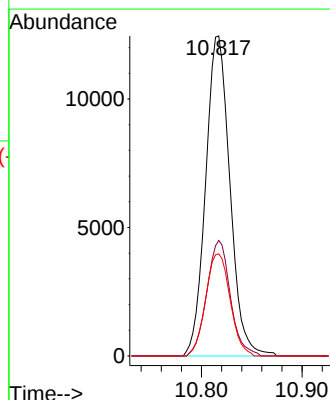
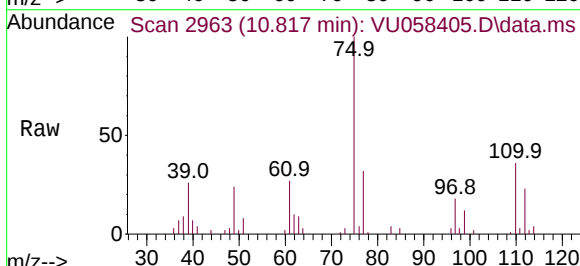
Tgt Ion: 75 Resp: 20916

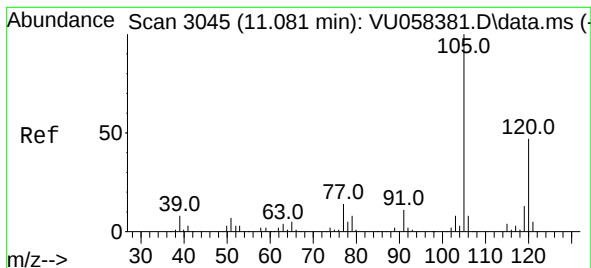
Ion Ratio Lower Upper

75 100

110 34.9 25.8 38.6

77 32.1 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.972 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058405.D

Acq: 05 Apr 2024 08:52

Instrument :

MSVOA_U

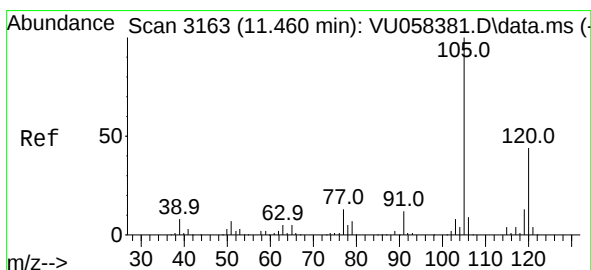
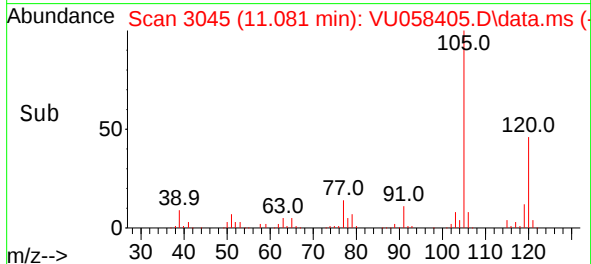
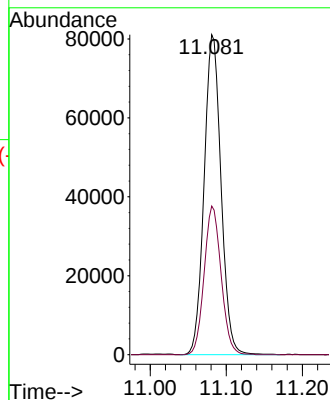
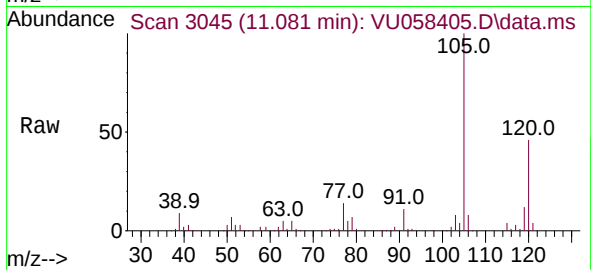
ClientSampleId :

Tgt Ion:105 Resp: 125271

Ion Ratio Lower Upper

105 100

120 46.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.910 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU058405.D

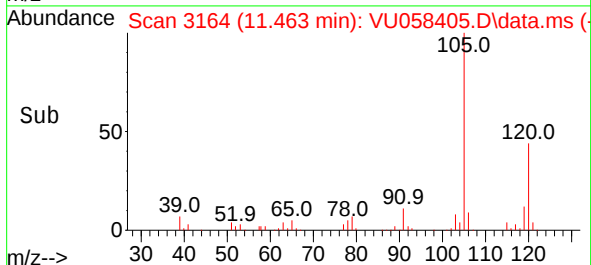
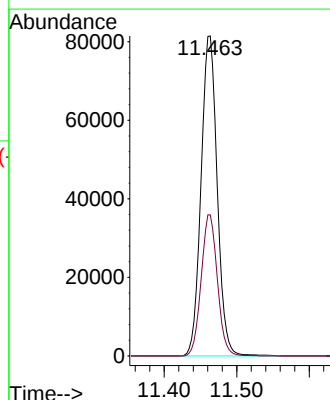
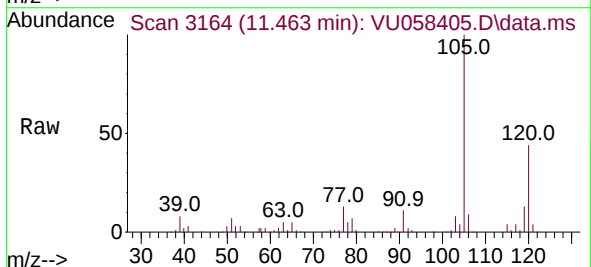
Acq: 05 Apr 2024 08:52

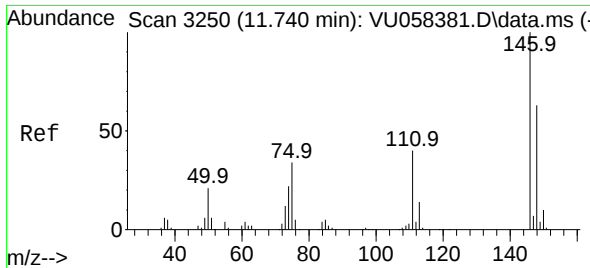
Tgt Ion:105 Resp: 126325

Ion Ratio Lower Upper

105 100

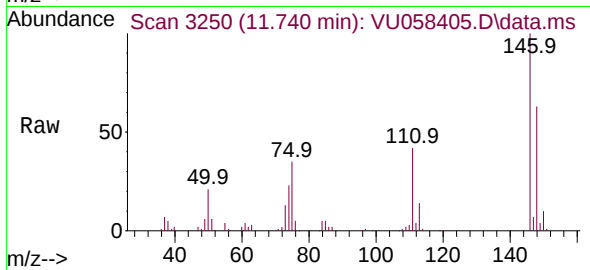
120 44.1 34.7 52.1



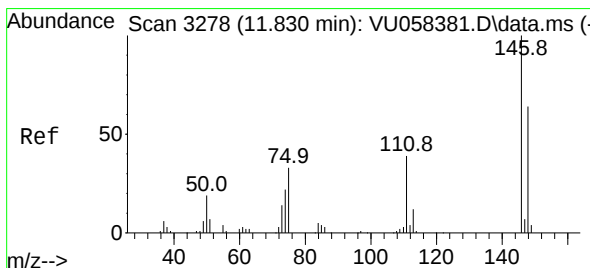
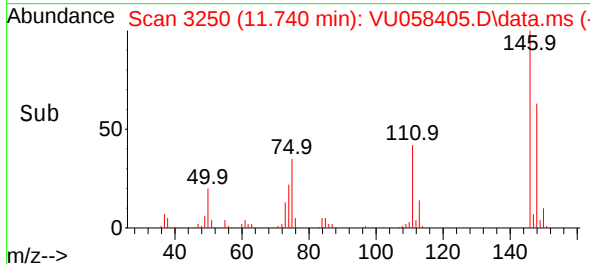
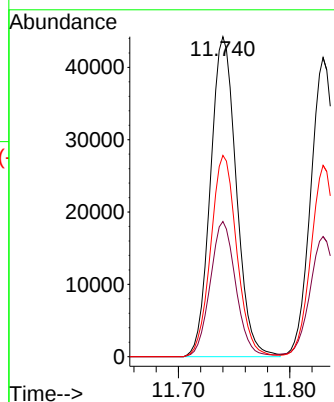


#64
1,3-Dichlorobenzene
Concen: 4.756 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Instrument :
MSVOA_U
ClientSampleId :

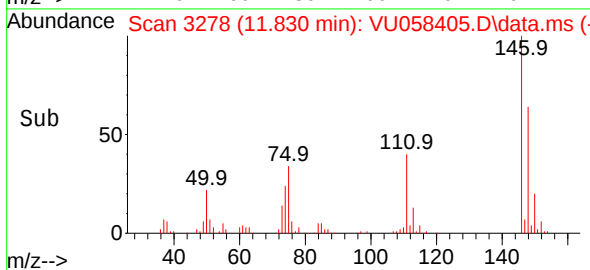
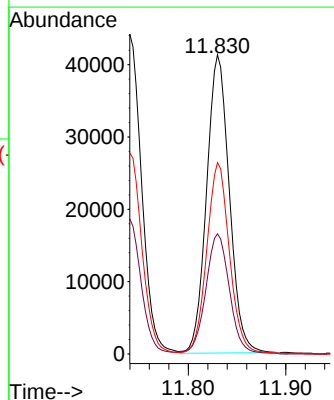
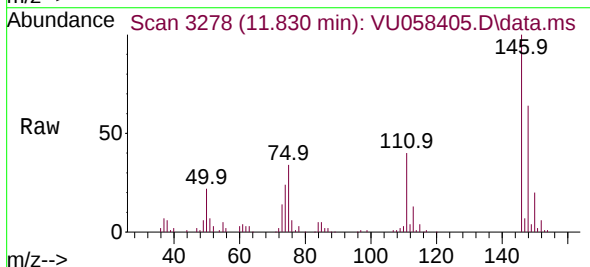


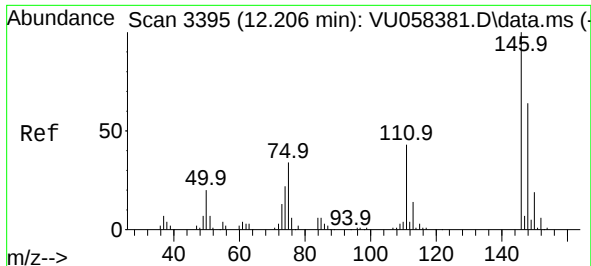
Tgt Ion:146 Resp: 71383
Ion Ratio Lower Upper
146 100
111 42.3 28.8 53.4
148 62.9 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.563 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

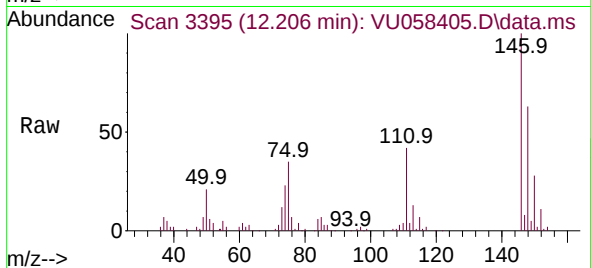
Tgt Ion:146 Resp: 66728
Ion Ratio Lower Upper
146 100
111 40.2 28.8 53.6
148 64.0 45.3 84.1



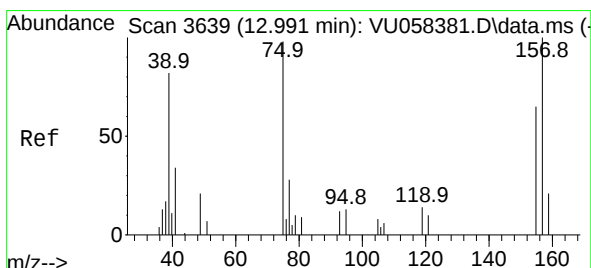
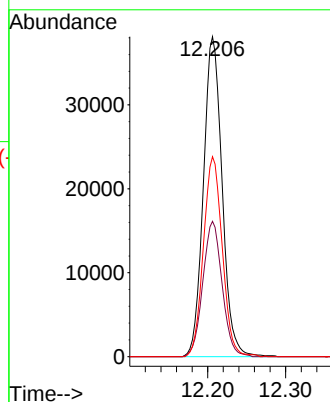
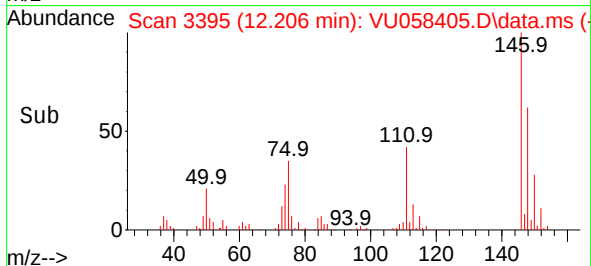


#67
1,2-Dichlorobenzene
Concen: 4.659 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

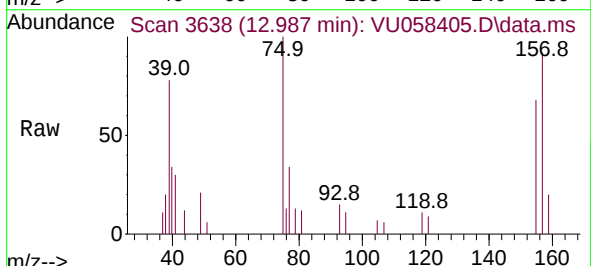
Instrument :
MSVOA_U
ClientSampleId :



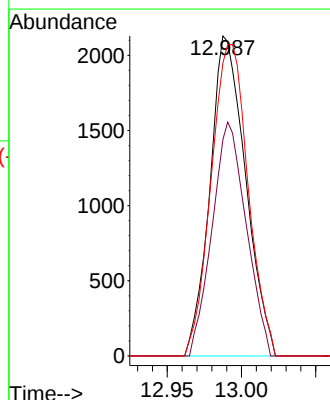
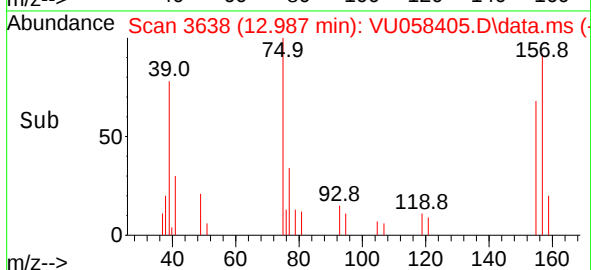
Tgt Ion:146 Resp: 63600
Ion Ratio Lower Upper
146 100
111 42.3 35.0 52.4
148 62.5 52.5 78.7

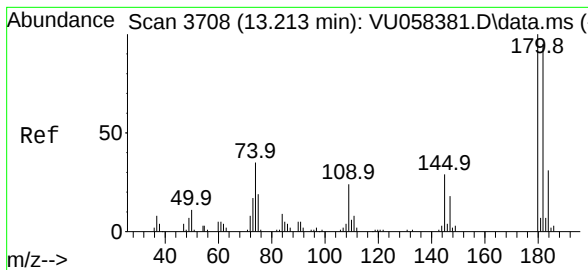


#68
1,2-Dibromo-3-chloropropane
Concen: 4.857 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52



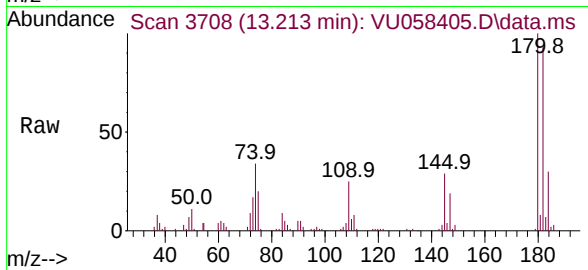
Tgt Ion: 75 Resp: 3547
Ion Ratio Lower Upper
75 100
155 67.6 61.4 92.0
157 91.5 81.7 122.5



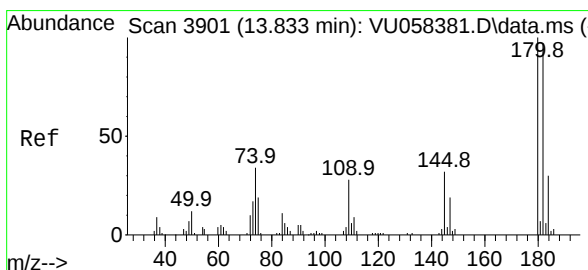
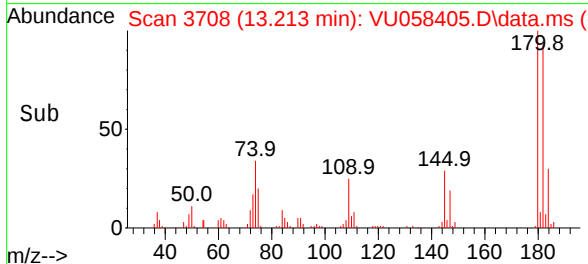
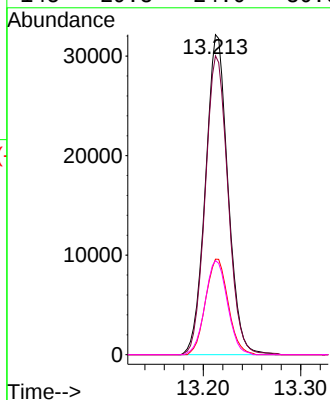


#69
 1,3,5-Trichlorobenzene
 Concen: 4.634 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU058405.D
 Acq: 05 Apr 2024 08:52

Instrument :
 MSVOA_U
 ClientSampleId :

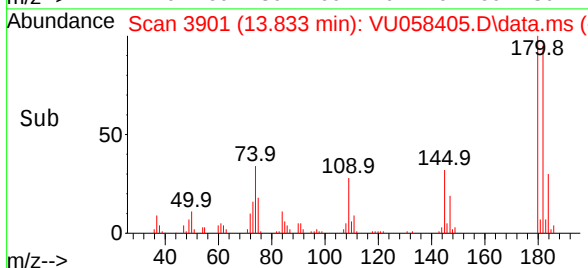
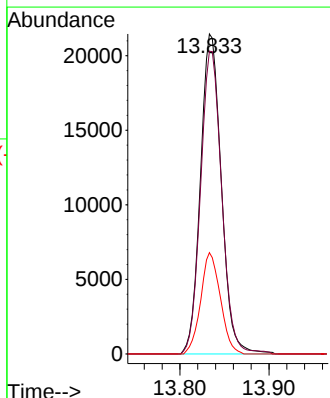
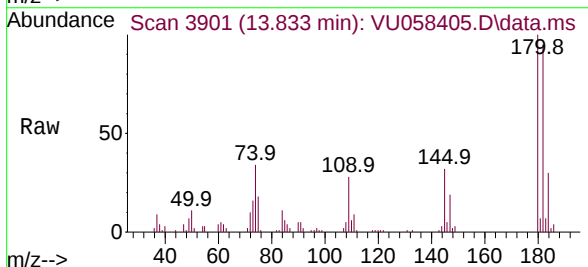


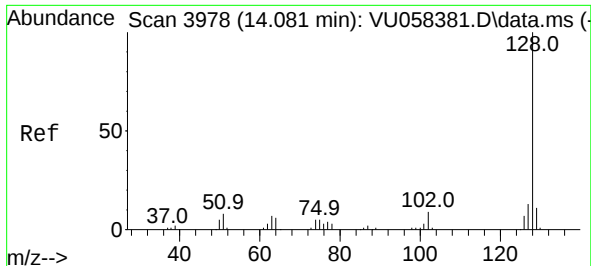
Tgt Ion:180	Resp:	51424
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.7 113.5
184	30.0	24.3 36.5
145	29.3	24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.073 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU058405.D
 Acq: 05 Apr 2024 08:52

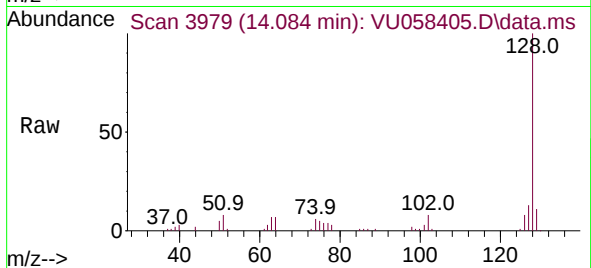
Tgt Ion:180	Resp:	34859
Ion Ratio	Lower	Upper
180	100	
182	95.8	74.4 111.6
145	29.9	24.1 36.1



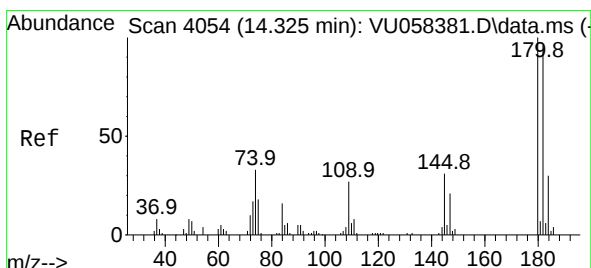
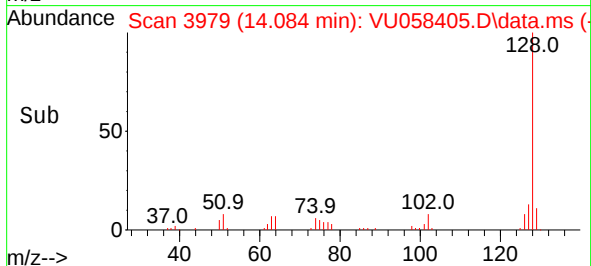
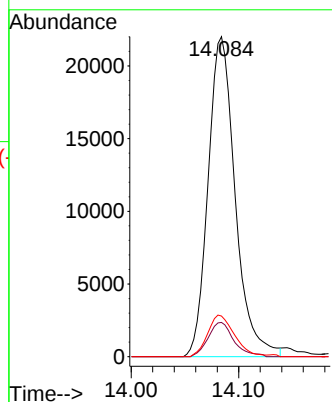


#71
Naphthalene
Concen: 3.290 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 38585
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 12.9 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.024 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058405.D
Acq: 05 Apr 2024 08:52

Tgt Ion:180 Resp: 28439
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 32.6 25.2 37.8

