

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060351.D
 Acq On : 08 Aug 2024 11:33
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 23:25:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121617	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	125909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49842	5.732	ug/L	0.00
7) Chloroethane-d5	1.911	69	45324	5.628	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	21141	6.109	ug/L	0.00
20) 2-Butanone-d5	4.637	46	104157	52.311	ug/L	0.00
24) Chloroform-d	5.052	84	100110	5.532	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	45252	5.418	ug/L	0.00
32) Benzene-d6	5.721	84	198102	5.770	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	60975	5.582	ug/L	0.00
41) Toluene-d8	7.891	98	187825	6.012	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	21114	5.727	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	93287	55.953	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50613	5.266	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	65056	5.285	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	34235	3.942	ug/L	100
3) Chloromethane	1.518	50	41251	3.884	ug/L	100
5) Vinyl chloride	1.602	62	48615	4.072	ug/L	100
6) Bromomethane	1.856	94	34757	4.396	ug/L	100
8) Chloroethane	1.930	64	32169	4.088	ug/L	100
9) Trichlorofluoromethane	2.136	101	69167	4.523	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	45806	4.576	ug/L	100
12) 1,1-Dichloroethene	2.573	96	40986	4.508	ug/L	100
13) Acetone	2.653	43	75695	55.935	ug/L	100
14) Carbon disulfide	2.788	76	102065	3.963	ug/L	100
15) Methyl Acetate	2.959	43	14582	4.647	ug/L	100
16) Methylene chloride	3.039	84	48025	4.308	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	97116	4.640	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	41458	4.408	ug/L	100
19) 1,1-Dichloroethane	3.862	63	83263	4.625	ug/L	100
21) 2-Butanone	4.718	43	107868	51.594	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	48821	4.607	ug/L	100
23) Bromochloromethane	4.968	128	23515	4.560	ug/L	100
25) Chloroform	5.078	83	90860	4.577	ug/L	100
27) 1,2-Dichloroethane	5.788	62	49274	4.368	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	72201	4.676	ug/L	100
30) Cyclohexane	5.380	56	56833	4.643	ug/L	100
31) Carbon tetrachloride	5.515	117	62605	4.688	ug/L	100
33) Benzene	5.766	78	191253	4.699	ug/L	100
34) Trichloroethene	6.534	95	49162	4.538	ug/L	100
35) Methylcyclohexane	6.756	83	63357	4.514	ug/L	100
37) 1,2-Dichloropropane	6.782	63	52170	4.696	ug/L	100
38) Bromodichloromethane	7.097	83	64040	4.611	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	69161	4.764	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	252601	50.706	ug/L	100
42) Toluene	7.962	91	208914	4.825	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	58677	4.809	ug/L	100

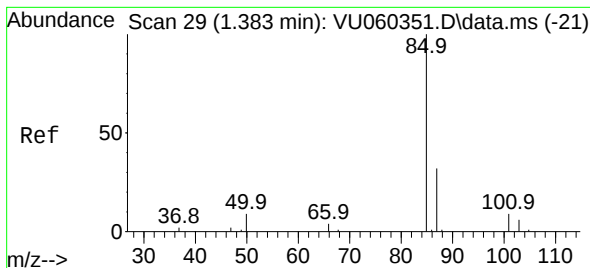
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060351.D
 Acq On : 08 Aug 2024 11:33
 Operator : MD/SY
 Sample : VSTD005
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 ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Aug 08 23:25:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	38936	4.599	ug/L	100
47) Tetrachloroethene	8.547	164	38881	4.414	ug/L	100
48) 2-Hexanone	8.679	43	197788	53.420	ug/L	100
49) Dibromochloromethane	8.801	129	43653	4.678	ug/L	100
50) 1,2-Dibromoethane	8.917	107	35799	4.676	ug/L	100
51) Chlorobenzene	9.441	112	132794	4.674	ug/L	100
52) Ethylbenzene	9.563	91	211027	4.858	ug/L	100
53) m,p-Xylene	9.685	106	82666	4.923	ug/L	100
54) o-Xylene	10.094	106	80187	4.989	ug/L	100
55) Styrene	10.106	104	140498	5.132	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	48791	4.682	ug/L	100
59) Bromoform	10.283	173	26455	4.376	ug/L	100
60) Isopropylbenzene	10.476	105	211421	4.853	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	32933	4.647	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	162410	4.861	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	162931	5.026	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	107464	4.617	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	107894	4.521	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	100617	4.508	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	6802	4.904	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	78774	4.487	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	60899	4.513	ug/L	100
71) Naphthalene	14.081	128	86723	4.483	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	55041	4.549	ug/L	100

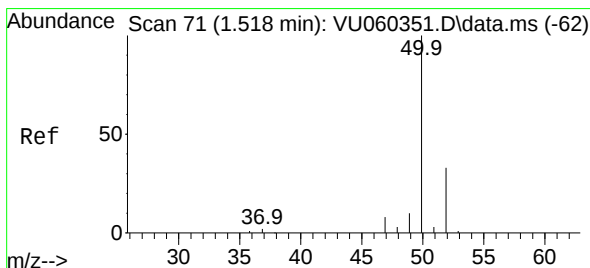
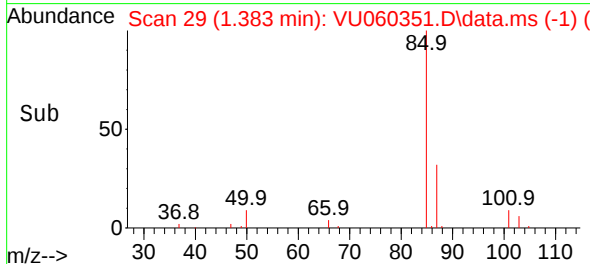
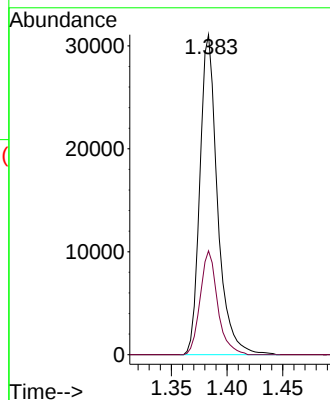
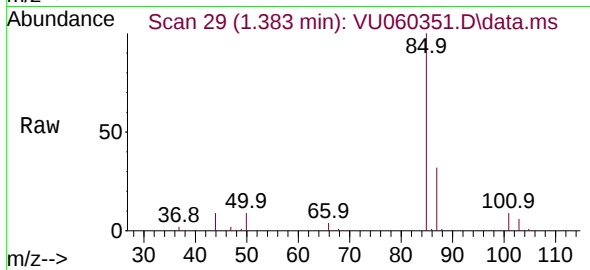
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.942 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060351.D
 Acq: 08 Aug 2024 11:33

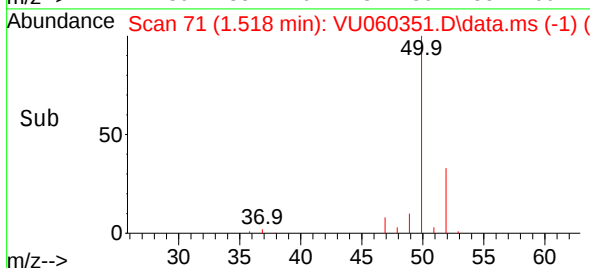
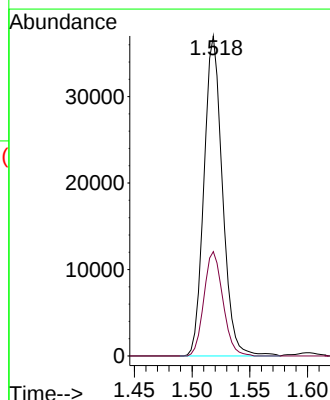
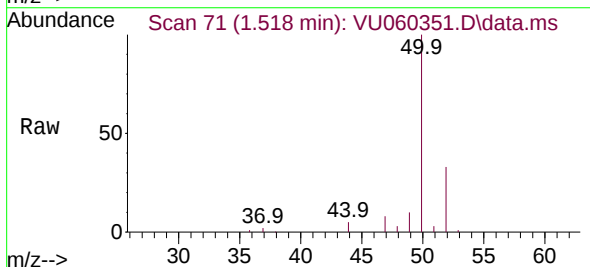
Instrument :
 MSVOA_U
 ClientSampleId :

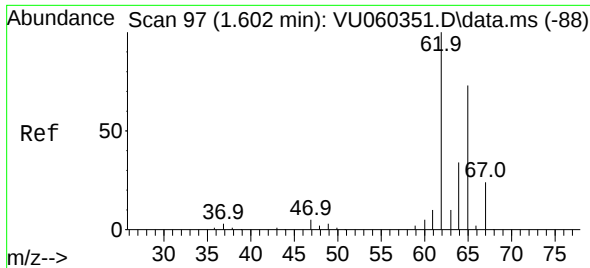
Tgt Ion: 85 Resp: 34235
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 3.884 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060351.D
 Acq: 08 Aug 2024 11:33

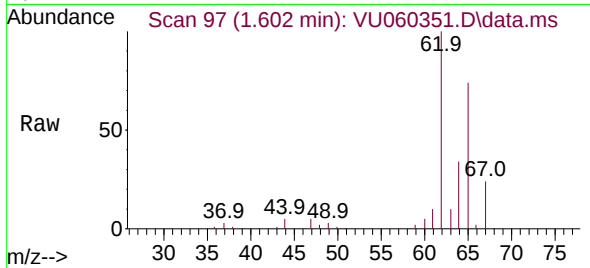
Tgt Ion: 50 Resp: 41251
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4



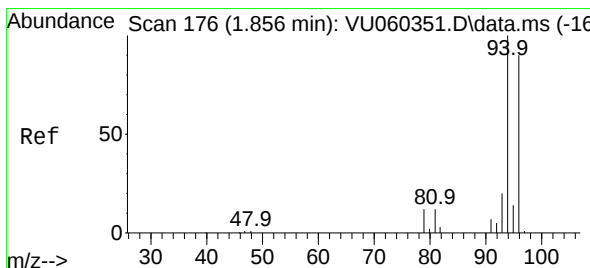
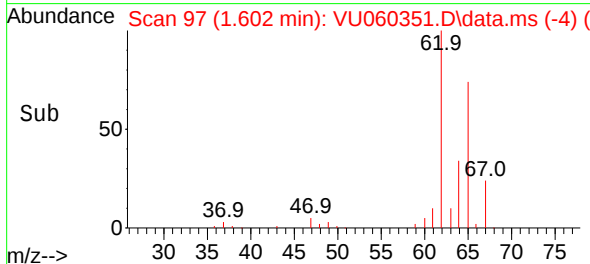
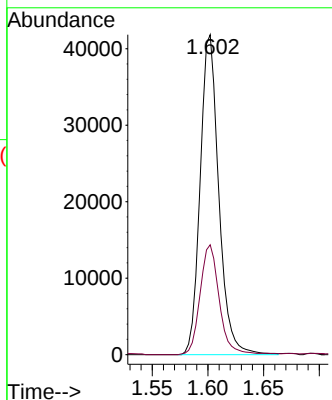


#5
Vinyl chloride
Concen: 4.072 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Instrument :
MSVOA_U
ClientSampleId :

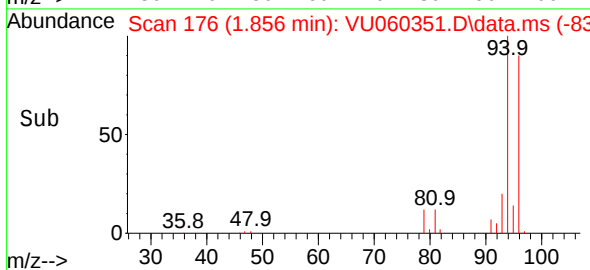
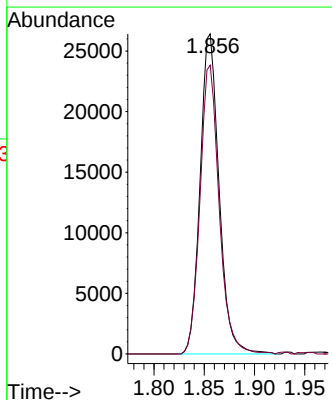
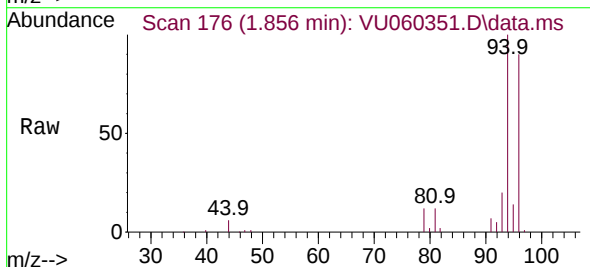


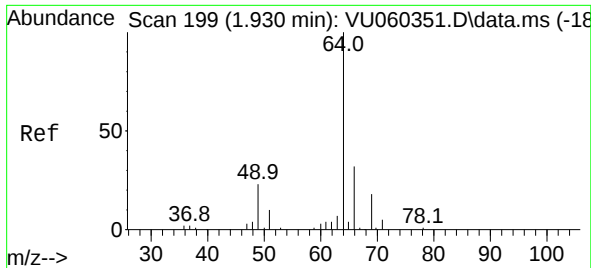
Tgt Ion: 62 Resp: 48615
Ion Ratio Lower Upper
62 100
64 34.4 24.1 44.7



#6
Bromomethane
Concen: 4.396 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion: 94 Resp: 34757
Ion Ratio Lower Upper
94 100
96 90.3 63.2 117.4

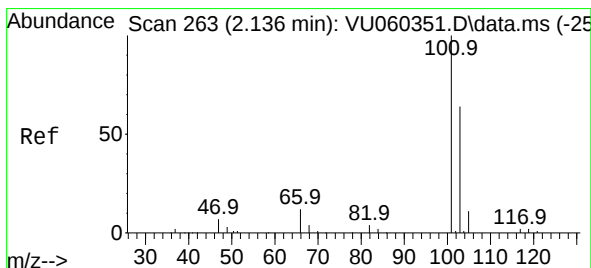
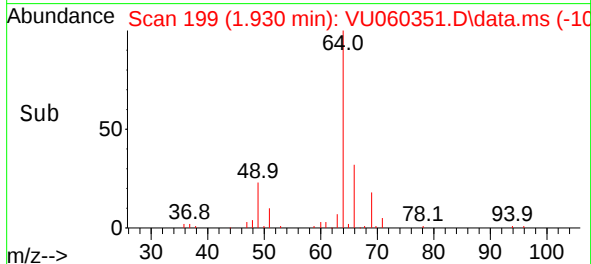
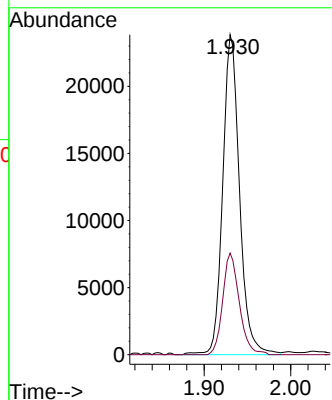
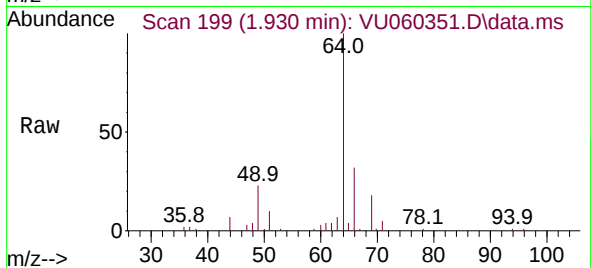




#8
Chloroethane
Concen: 4.088 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

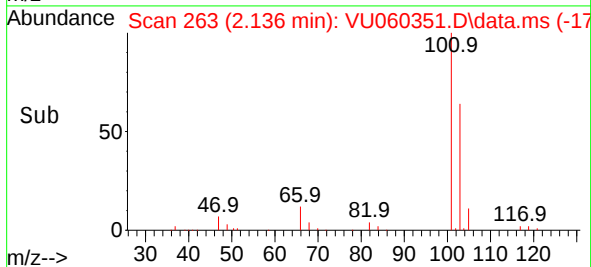
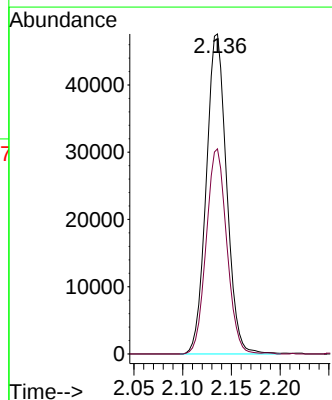
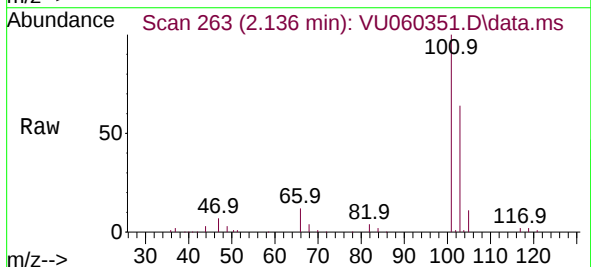
Instrument :
MSVOA_U
ClientSampleId :

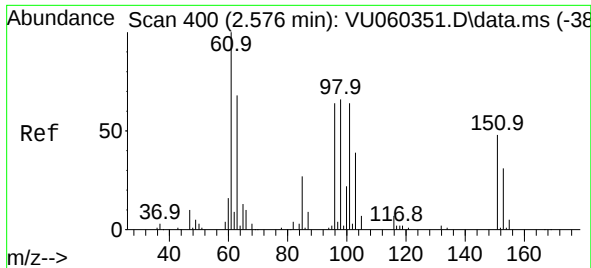
Tgt Ion: 64 Resp: 32169
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 4.523 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion:101 Resp: 69167
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.576 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

ClientSampleId :

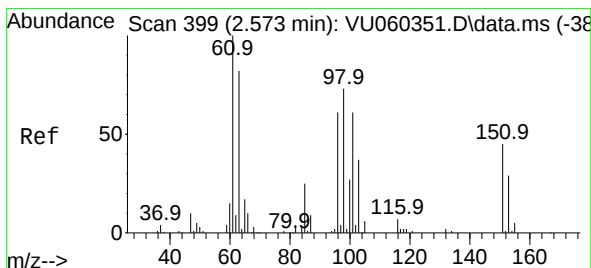
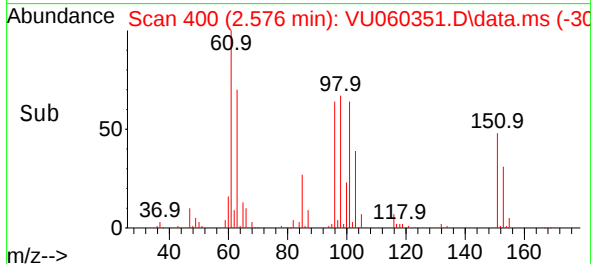
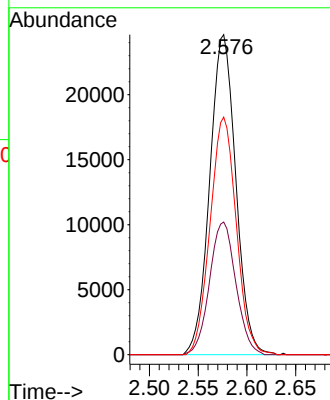
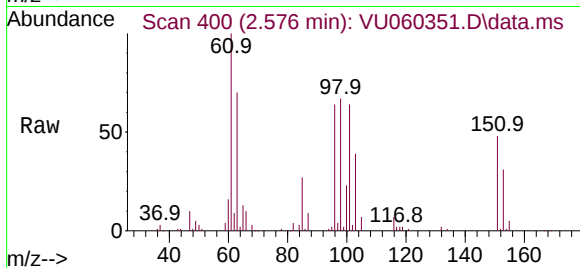
Tgt Ion:101 Resp: 45806

Ion Ratio Lower Upper

101 100

85 41.9 33.5 50.3

151 74.6 59.7 89.5



#12

1,1-Dichloroethene

Concen: 4.508 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

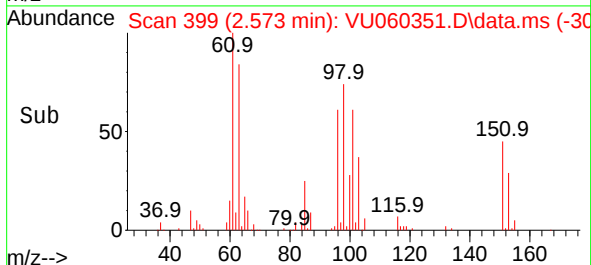
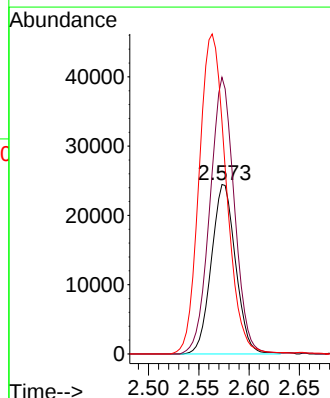
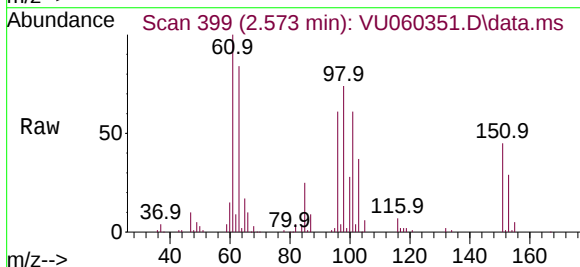
Tgt Ion: 96 Resp: 40986

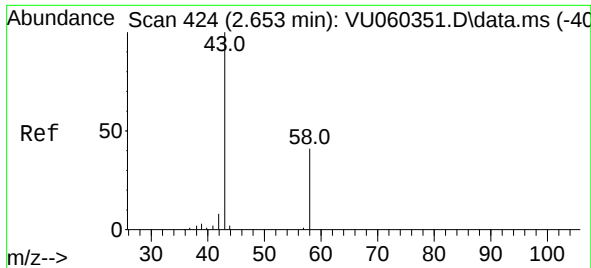
Ion Ratio Lower Upper

96 100

61 163.4 114.4 212.4

63 137.2 96.0 178.4





#13

Acetone

Concen: 55.935 ug/L

RT: 2.653 min Scan# 424

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

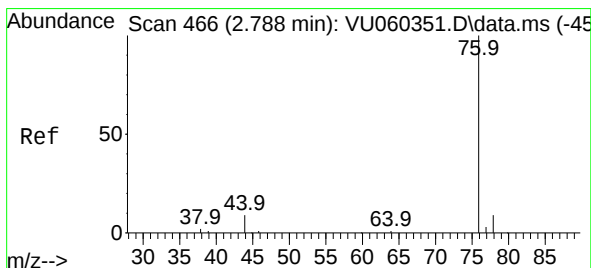
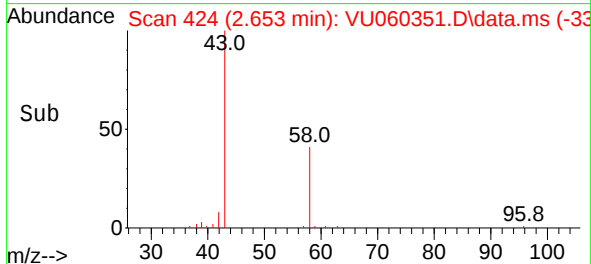
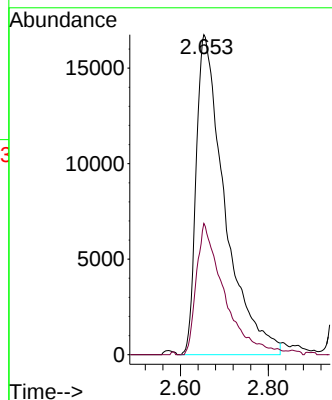
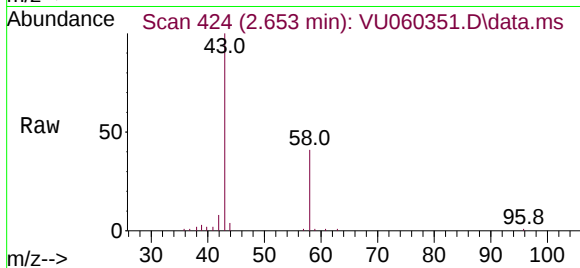
ClientSampleId :

Tgt Ion: 43 Resp: 75695

Ion Ratio Lower Upper

43 100

58 39.4 0.0 78.8



#14

Carbon disulfide

Concen: 3.963 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060351.D

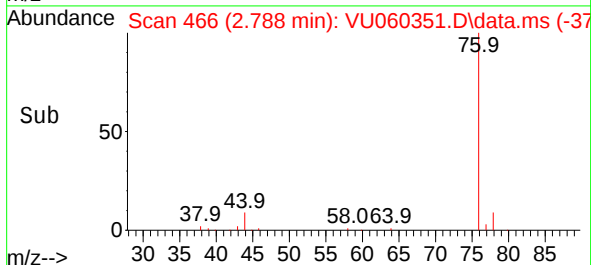
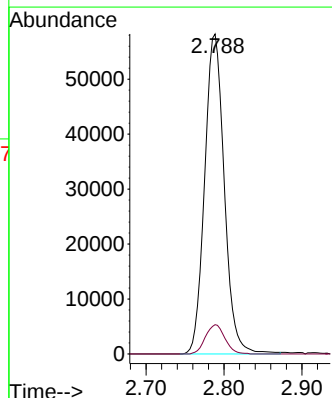
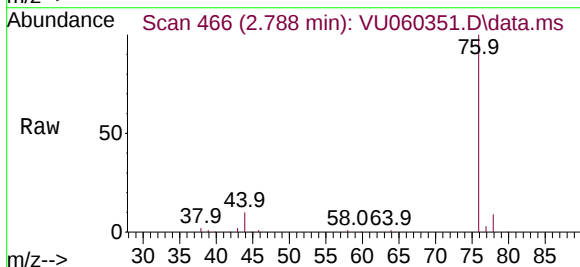
Acq: 08 Aug 2024 11:33

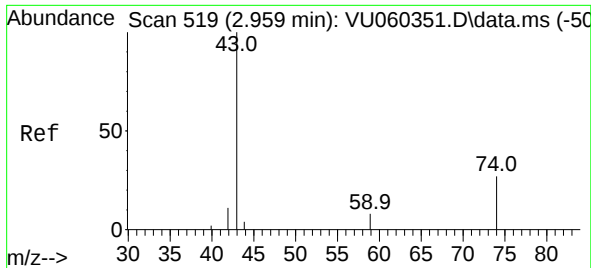
Tgt Ion: 76 Resp: 102065

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 4.647 ug/L

RT: 2.959 min Scan# 519

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

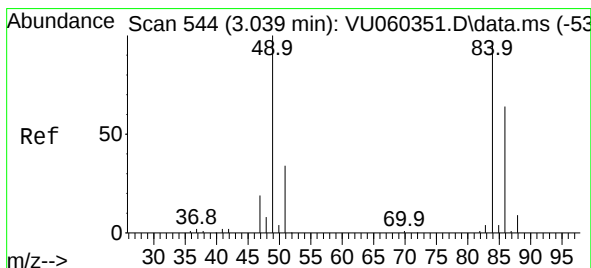
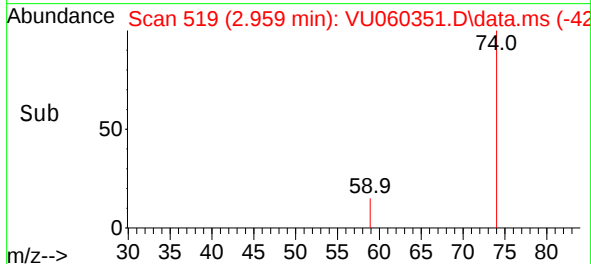
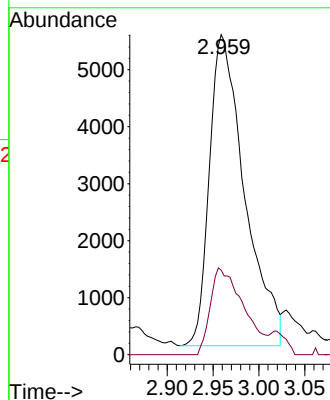
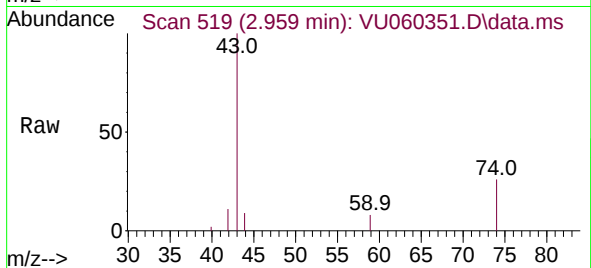
ClientSampleId :

Tgt Ion: 43 Resp: 14582

Ion Ratio Lower Upper

43 100

74 26.6 21.3 31.9



#16

Methylene chloride

Concen: 4.308 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

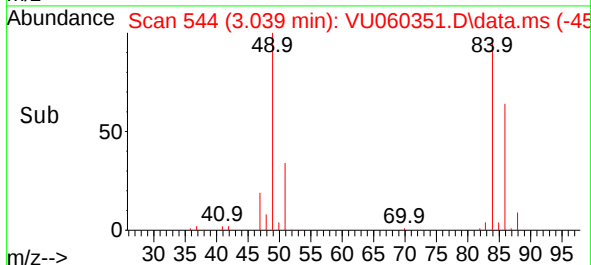
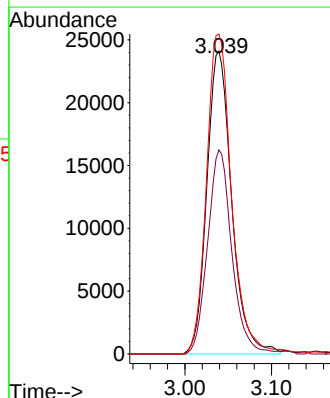
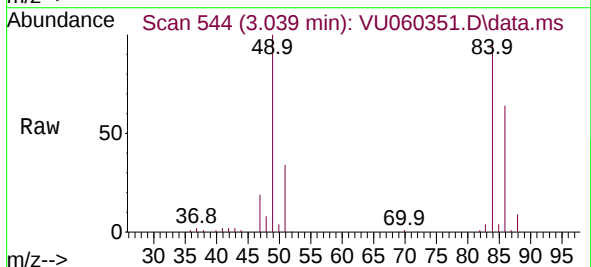
Tgt Ion: 84 Resp: 48025

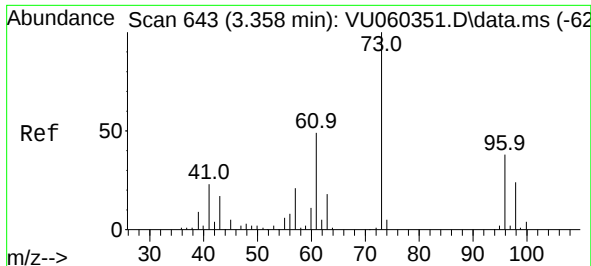
Ion Ratio Lower Upper

84 100

86 67.3 47.1 87.5

49 105.6 73.9 137.3

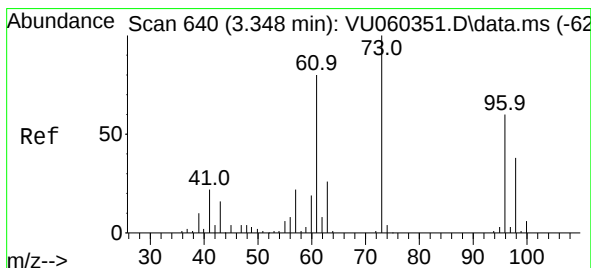
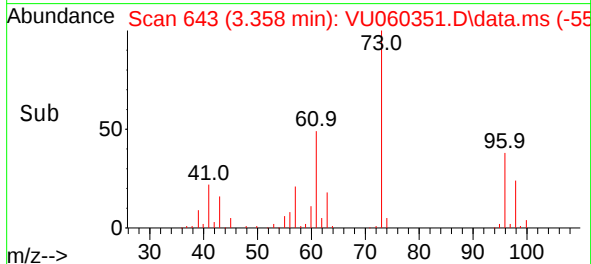
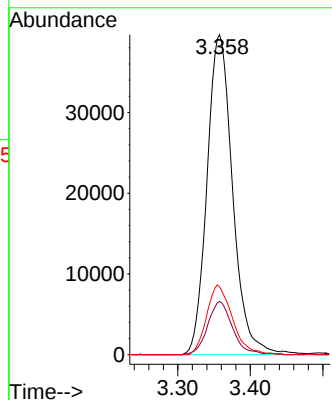
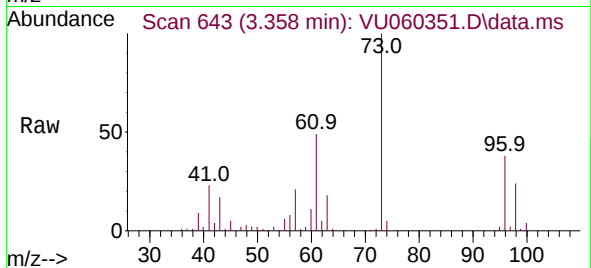




#17
Methyl tert-butyl Ether
Concen: 4.640 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

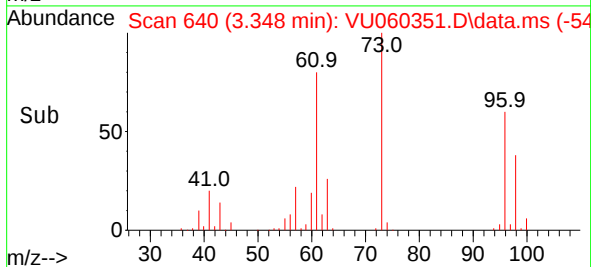
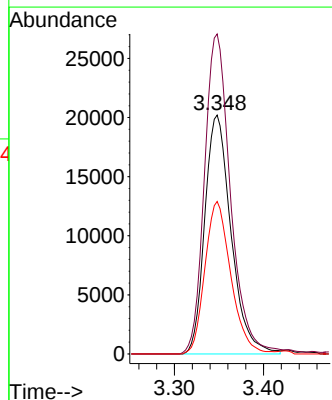
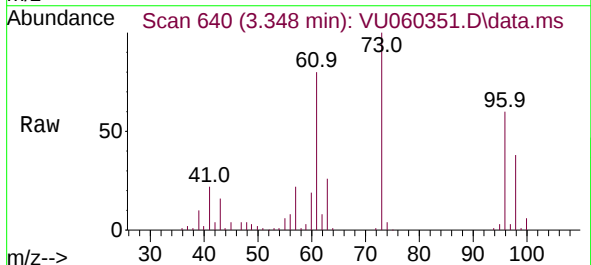
Instrument :
MSVOA_U
ClientSampleId :

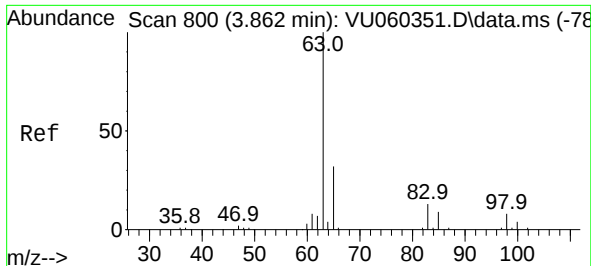
Tgt Ion: 73	Resp: 97116
Ion Ratio	Lower Upper
73 100	
43 16.0	12.8 19.2
57 21.9	17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 4.408 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

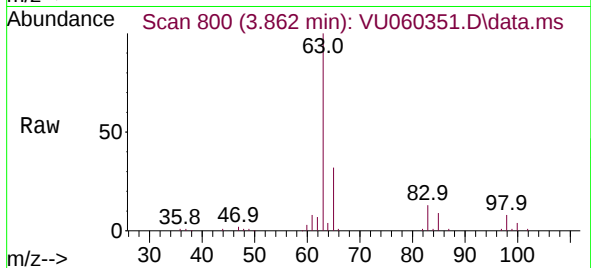
Tgt Ion: 96	Resp: 41458
Ion Ratio	Lower Upper
96 100	
61 133.9	93.7 174.1
98 63.8	44.7 82.9



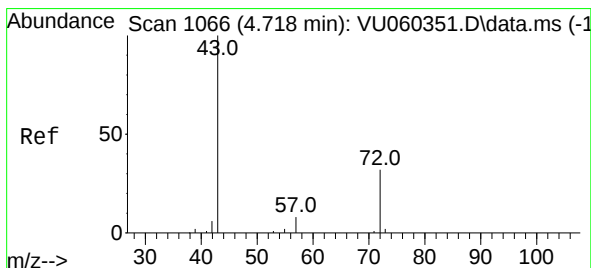
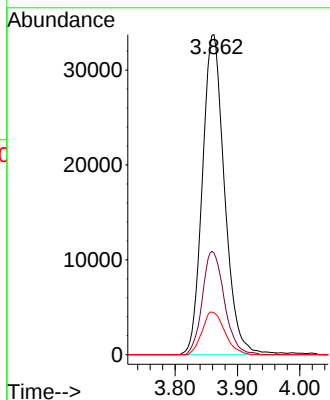
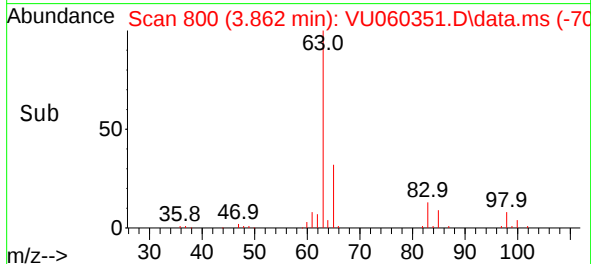


#19
1,1-Dichloroethane
Concen: 4.625 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Instrument :
MSVOA_U
ClientSampleId :

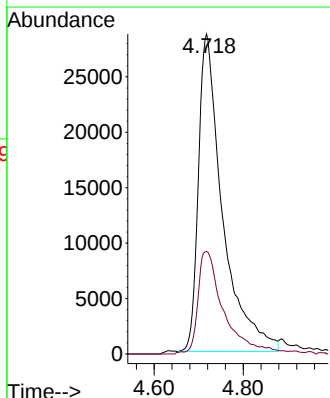
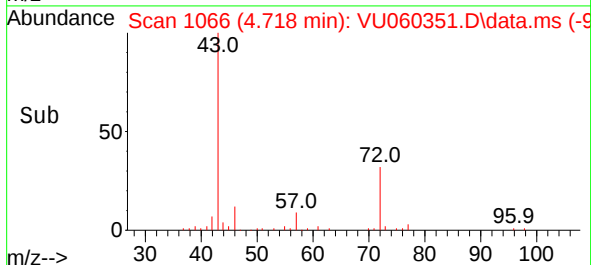
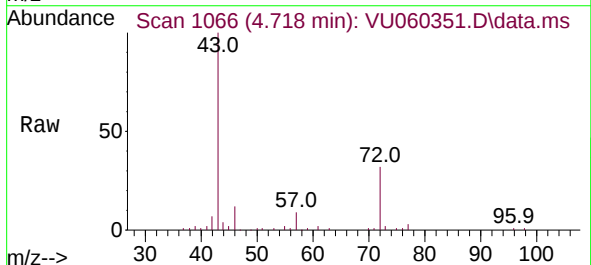


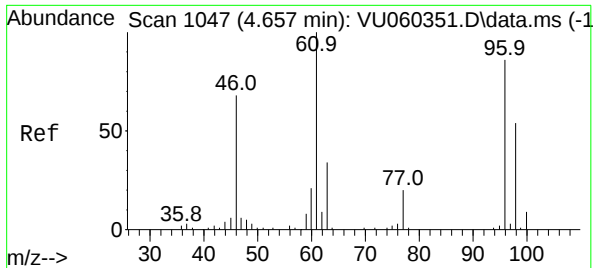
Tgt Ion: 63 Resp: 83263
Ion Ratio Lower Upper
63 100
65 31.7 22.2 41.2
83 13.0 9.1 16.9



#21
2-Butanone
Concen: 51.594 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion: 43 Resp: 107868
Ion Ratio Lower Upper
43 100
72 31.7 15.9 47.6

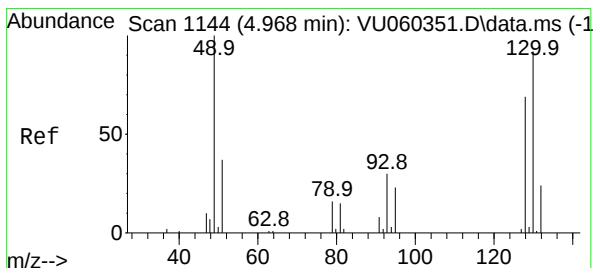
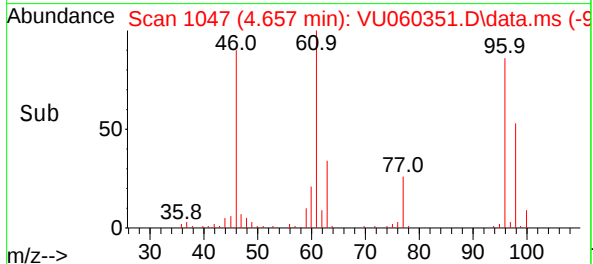
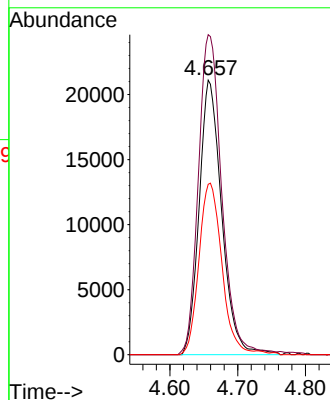
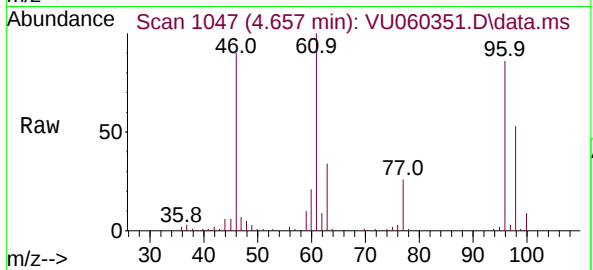




#22
 cis-1,2-Dichloroethene
 Concen: 4.607 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU060351.D
 Acq: 08 Aug 2024 11:33

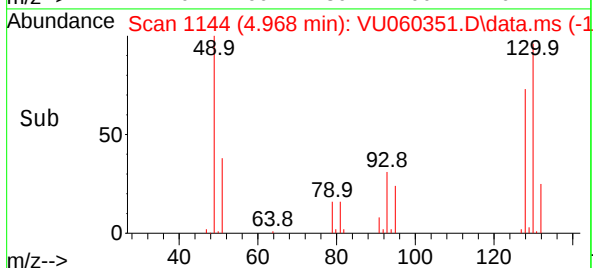
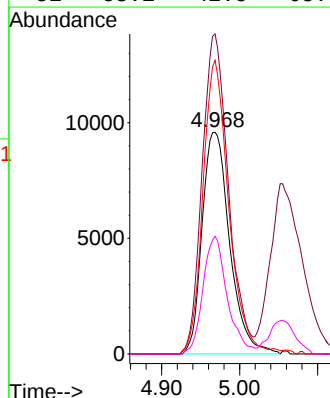
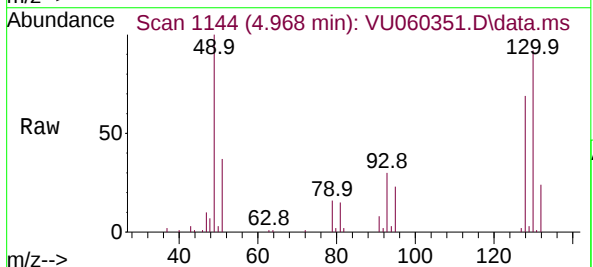
Instrument :
 MSVOA_U
 ClientSampleId :

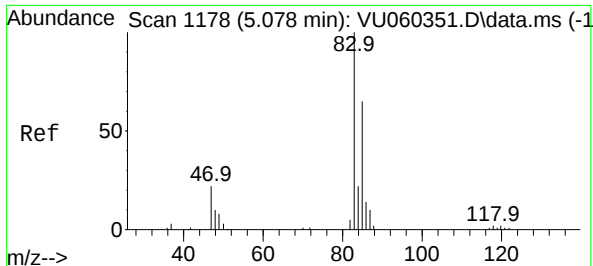
Tgt Ion: 96 Resp: 48821
 Ion Ratio Lower Upper
 96 100
 61 116.5 81.5 151.5
 98 62.1 43.5 80.7



#23
 Bromochloromethane
 Concen: 4.560 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060351.D
 Acq: 08 Aug 2024 11:33

Tgt Ion:128 Resp: 23515
 Ion Ratio Lower Upper
 128 100
 49 144.3 101.0 187.6
 130 132.4 92.7 172.1
 51 53.1 42.5 63.7





#25

Chloroform

Concen: 4.577 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

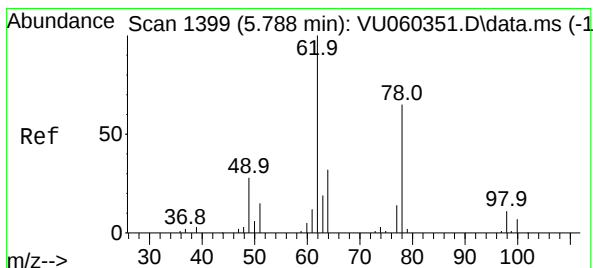
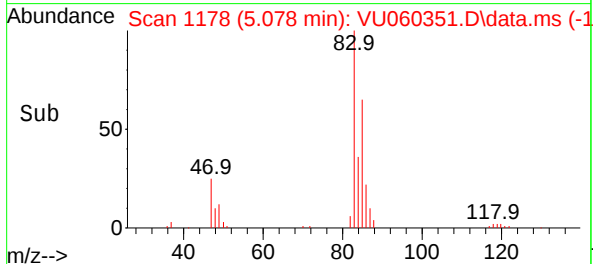
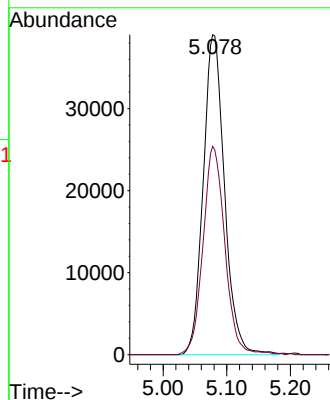
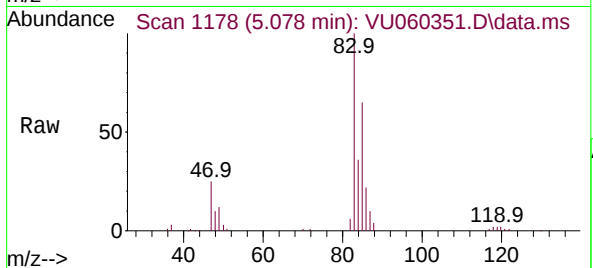
ClientSampleId :

Tgt Ion: 83 Resp: 90860

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.368 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060351.D

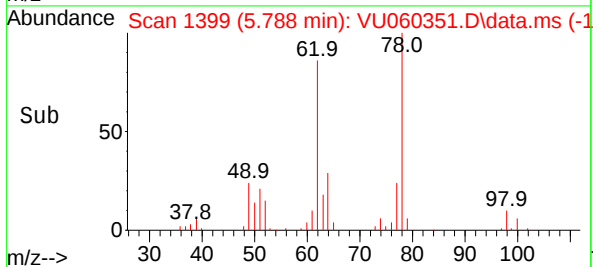
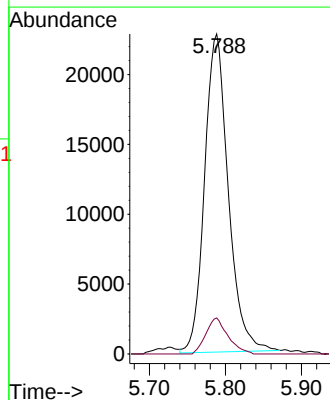
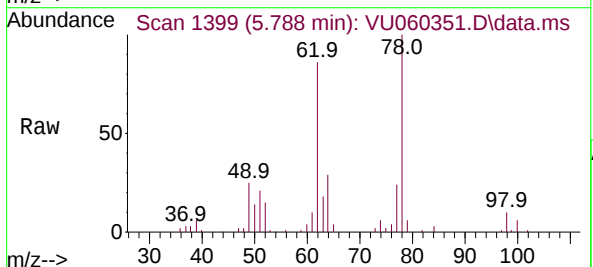
Acq: 08 Aug 2024 11:33

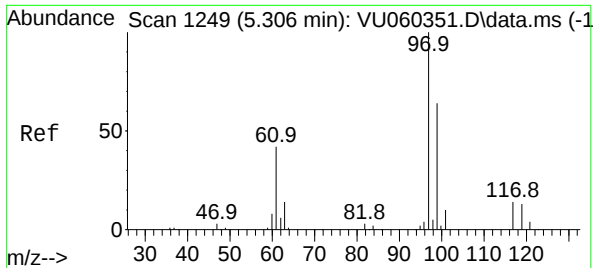
Tgt Ion: 62 Resp: 49274

Ion Ratio Lower Upper

62 100

98 11.3 9.0 13.6

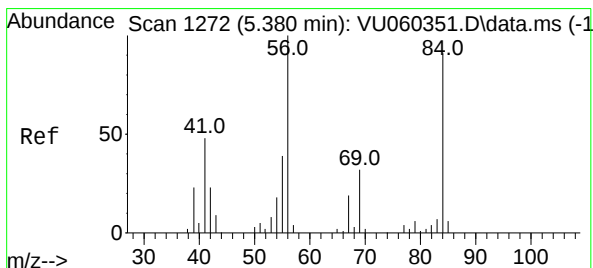
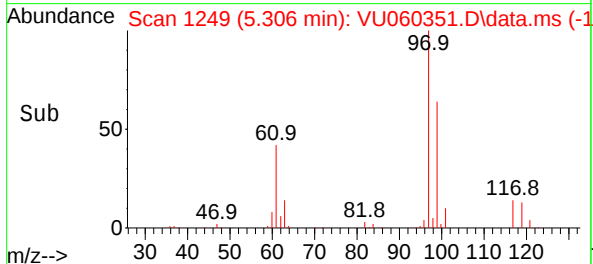
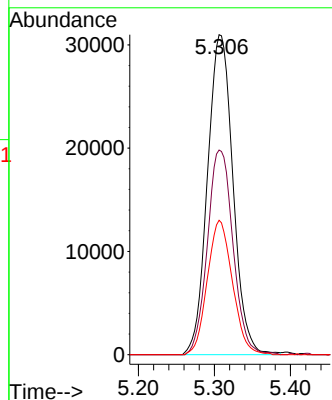
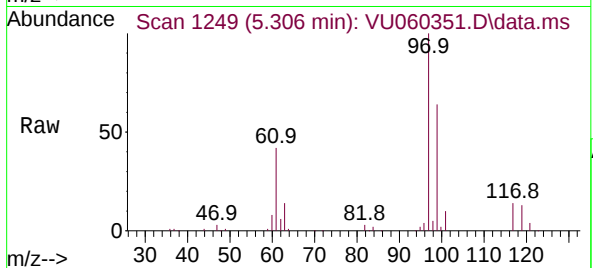




#29
1,1,1-Trichloroethane
Concen: 4.676 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

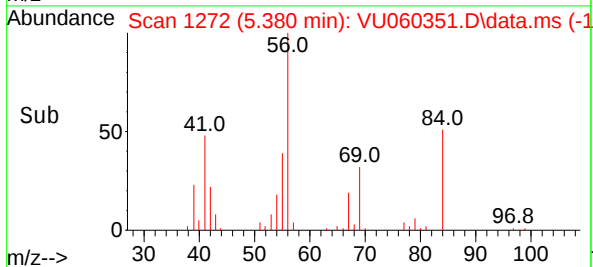
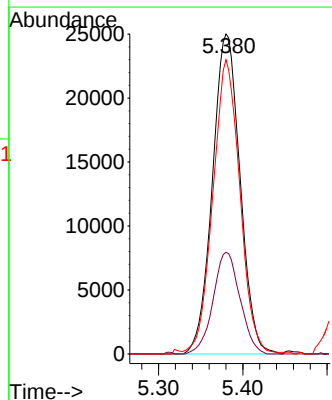
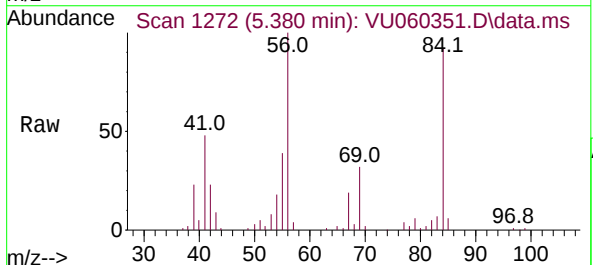
Instrument :
MSVOA_U
ClientSampleId :

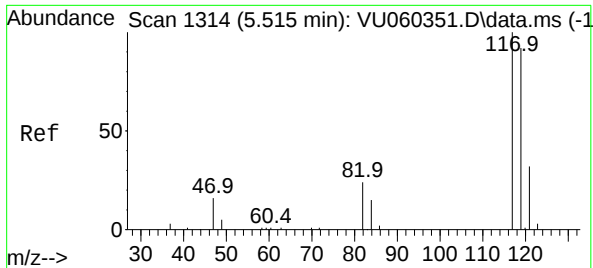
Tgt Ion: 97	Resp: 72201
Ion Ratio	Lower Upper
97 100	
99 64.3	51.4 77.2
61 41.3	33.0 49.6



#30
Cyclohexane
Concen: 4.643 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion: 56	Resp: 56833
Ion Ratio	Lower Upper
56 100	
69 30.9	24.7 37.1
84 88.4	70.7 106.1

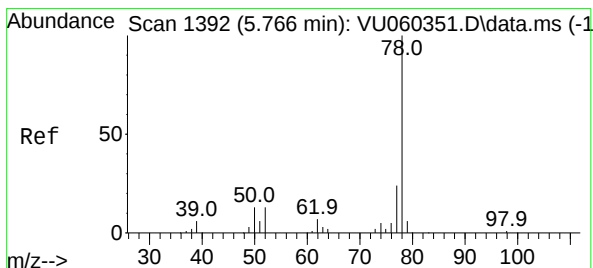
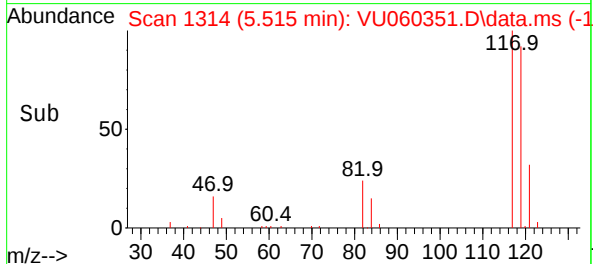
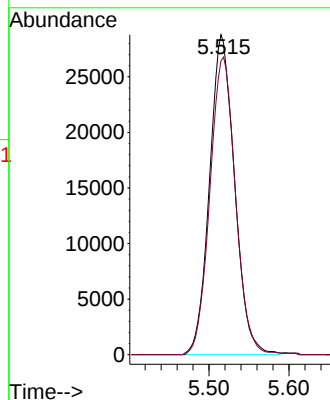
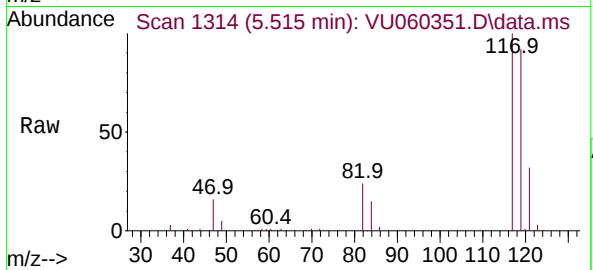




#31
Carbon tetrachloride
Concen: 4.688 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

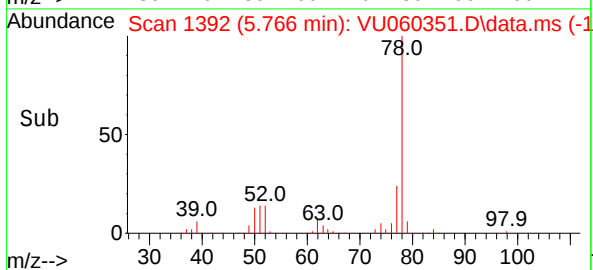
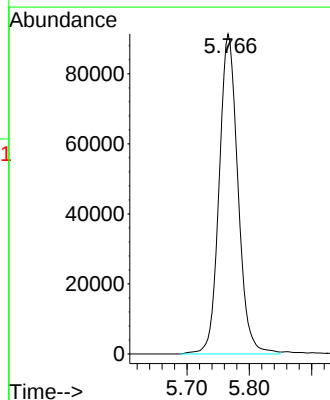
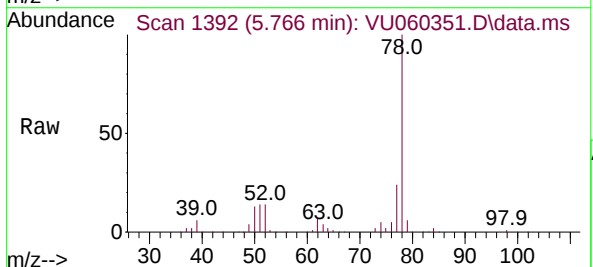
Instrument :
MSVOA_U
ClientSampleId :

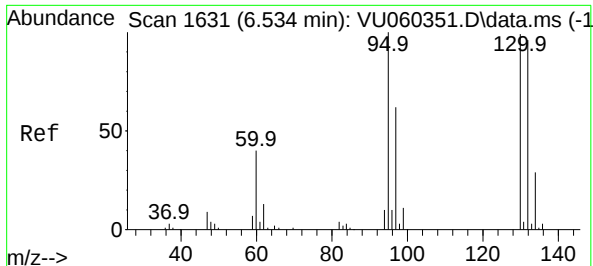
Tgt Ion:117 Resp: 62605
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 4.699 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion: 78 Resp: 191253

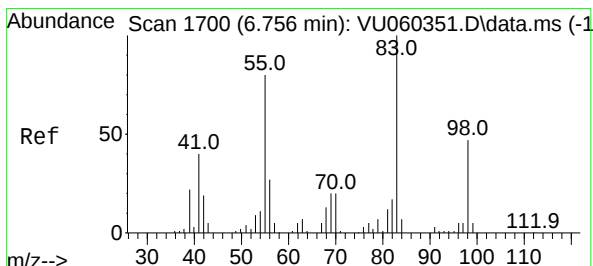
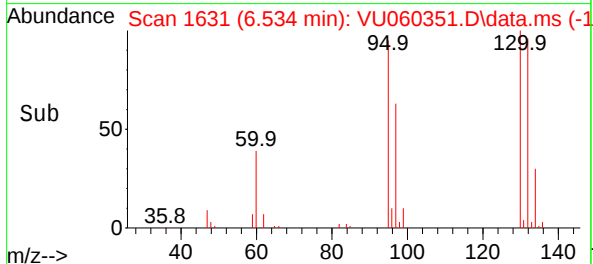
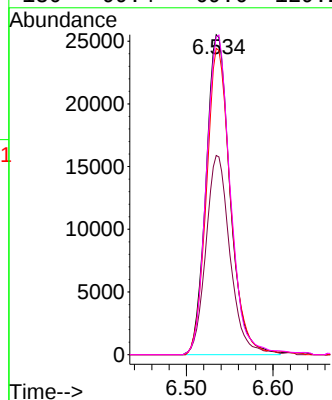
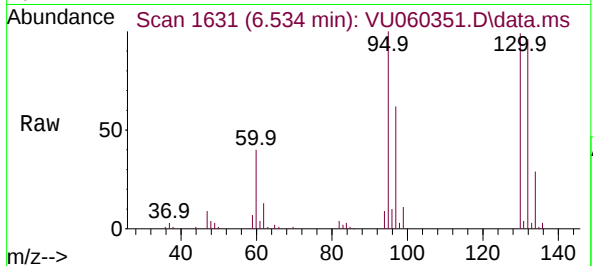




#34
Trichloroethene
Concen: 4.538 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

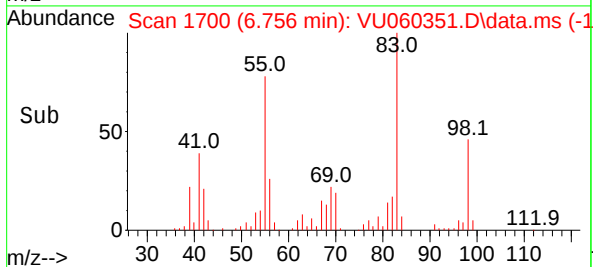
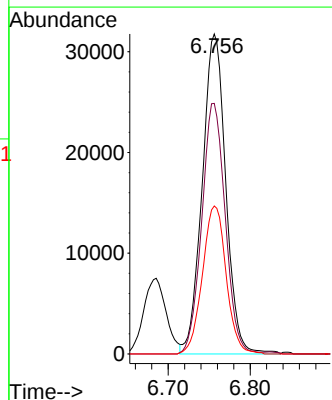
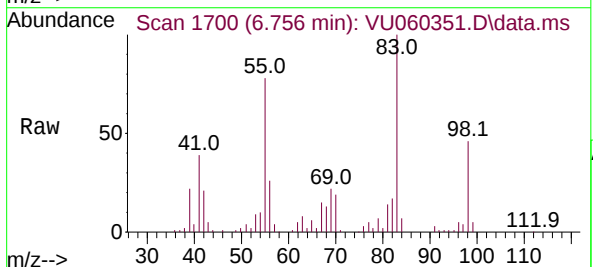
Instrument :
MSVOA_U
ClientSampleId :

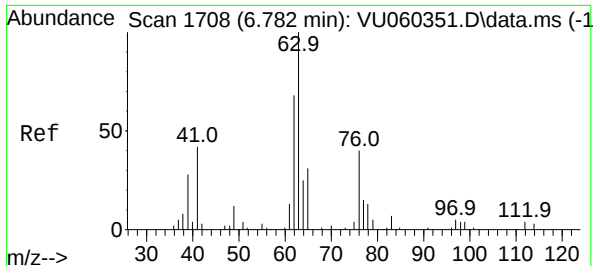
Tgt Ion: 95 Resp: 49162
Ion Ratio Lower Upper
95 100
97 62.3 43.6 81.0
132 95.8 67.1 124.5
130 99.4 69.6 129.2



#35
Methylcyclohexane
Concen: 4.514 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion: 83 Resp: 63357
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 46.6 37.3 55.9

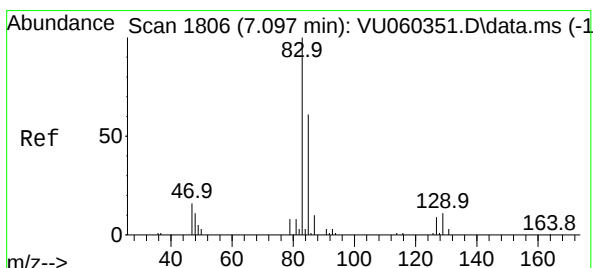
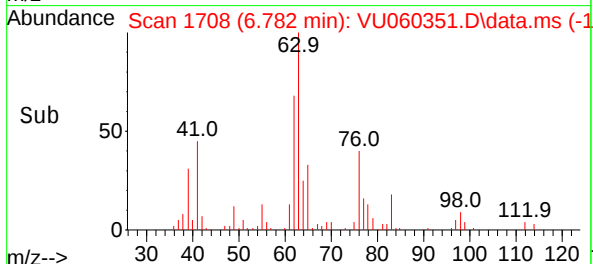
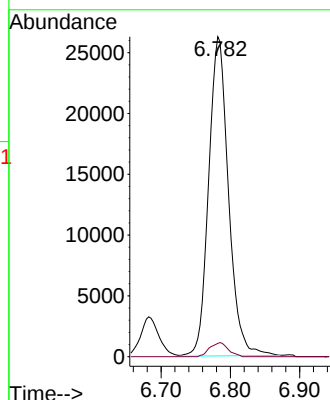
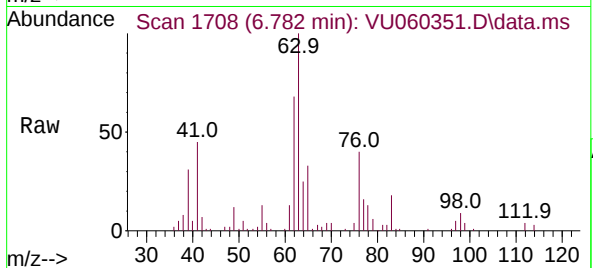




#37
1,2-Dichloropropane
Concen: 4.696 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

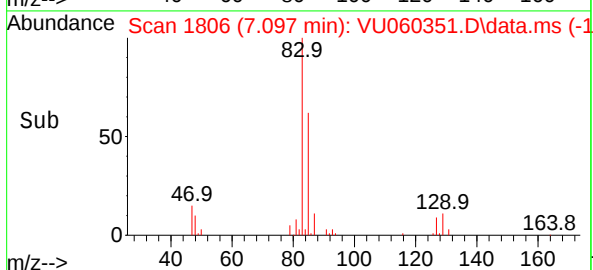
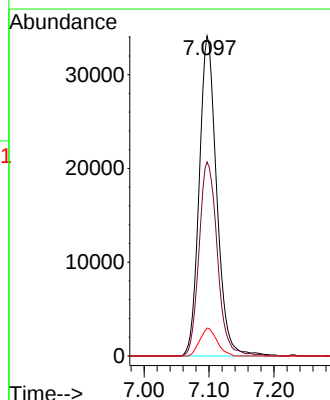
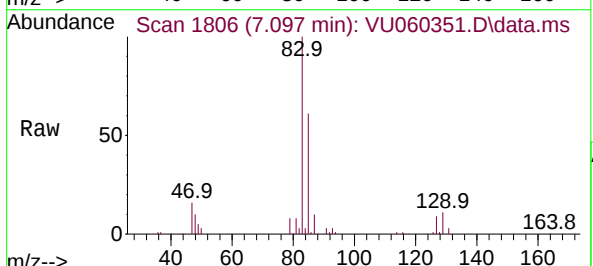
Instrument :
MSVOA_U
ClientSampleId :

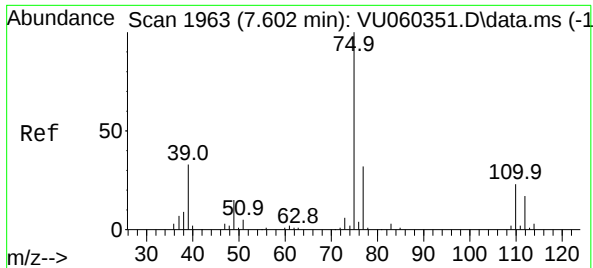
Tgt Ion: 63 Resp: 52170
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 4.611 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion: 83 Resp: 64040
Ion Ratio Lower Upper
83 100
85 60.6 42.4 78.8
127 8.7 7.0 10.4

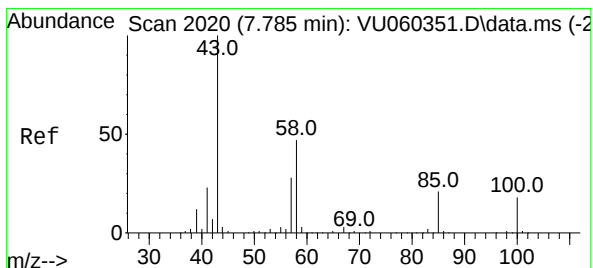
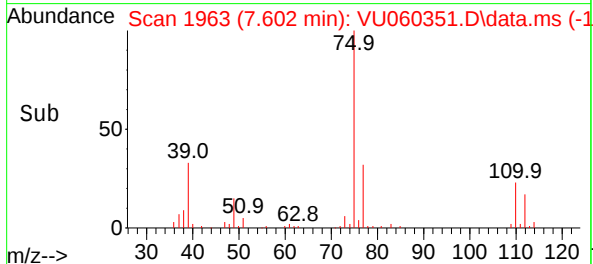
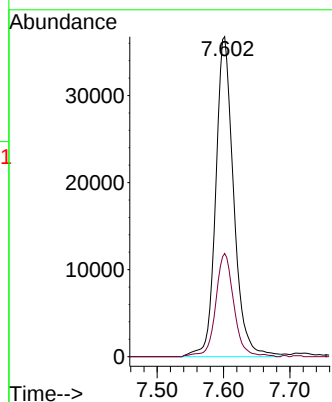
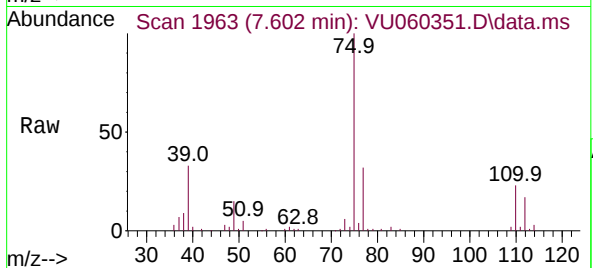




#39
 cis-1,3-Dichloropropene
 Concen: 4.764 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060351.D
 Acq: 08 Aug 2024 11:33

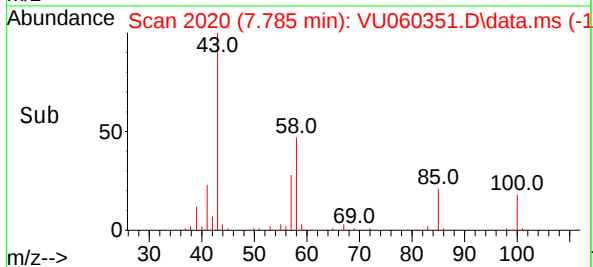
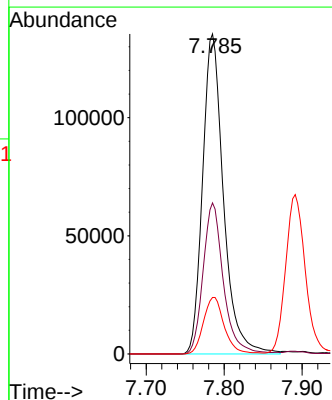
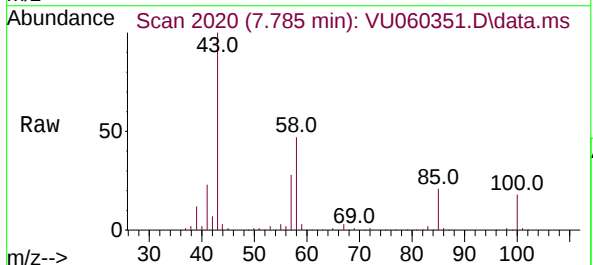
Instrument :
 MSVOA_U
 ClientSampleId :

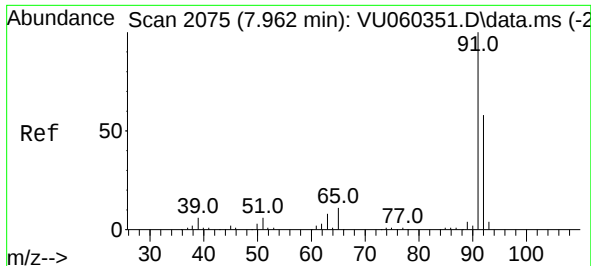
Tgt Ion: 75 Resp: 69161
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 50.706 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060351.D
 Acq: 08 Aug 2024 11:33

Tgt Ion: 43 Resp: 252601
 Ion Ratio Lower Upper
 43 100
 58 45.8 36.6 55.0
 100 17.6 14.1 21.1





#42

Toluene

Concen: 4.825 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

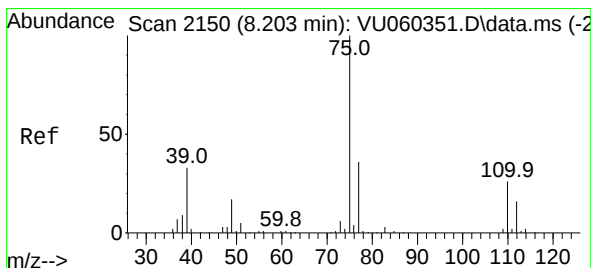
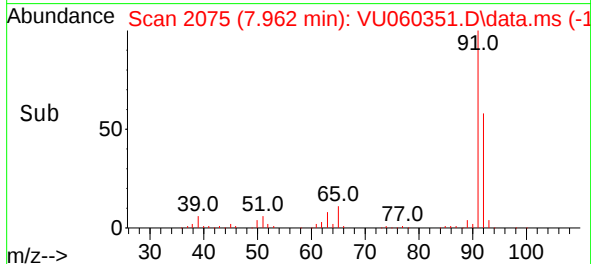
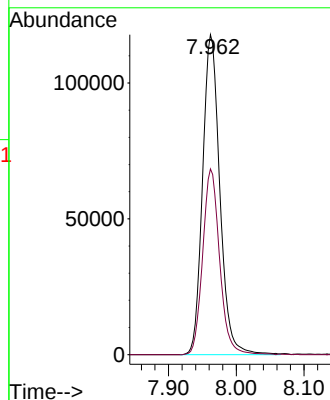
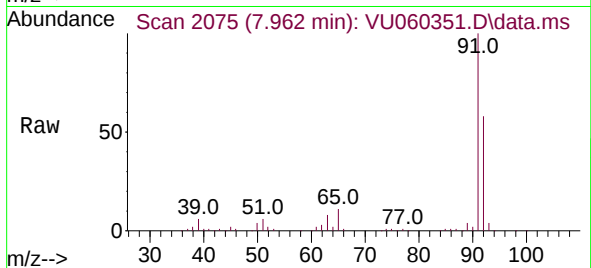
ClientSampleId :

Tgt Ion: 91 Resp: 208914

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.809 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060351.D

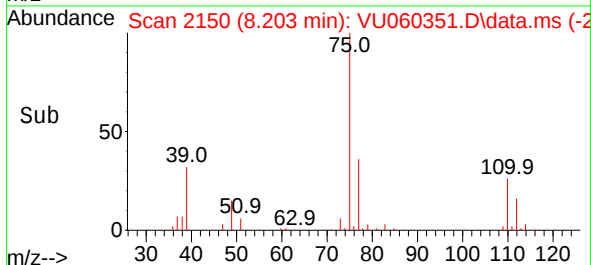
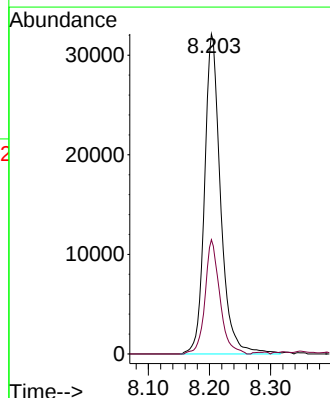
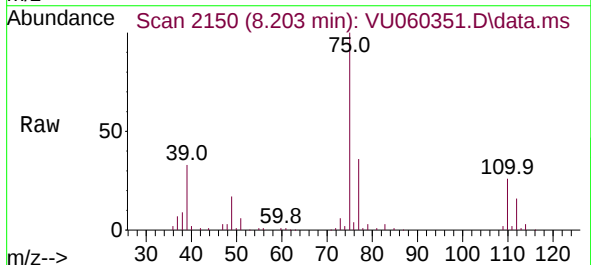
Acq: 08 Aug 2024 11:33

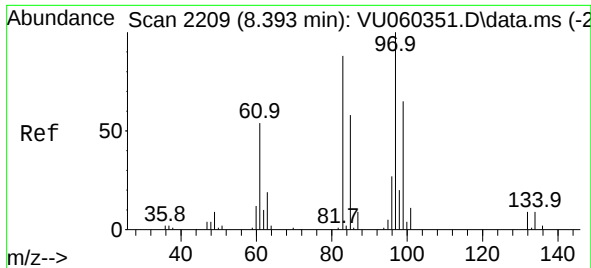
Tgt Ion: 75 Resp: 58677

Ion Ratio Lower Upper

75 100

77 35.7 25.0 46.4

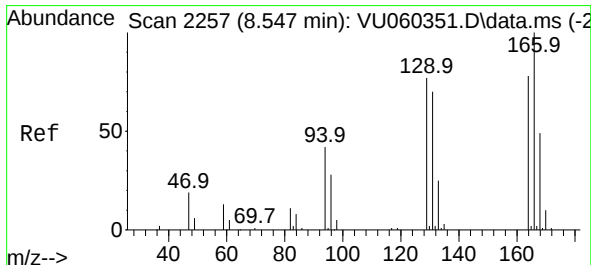
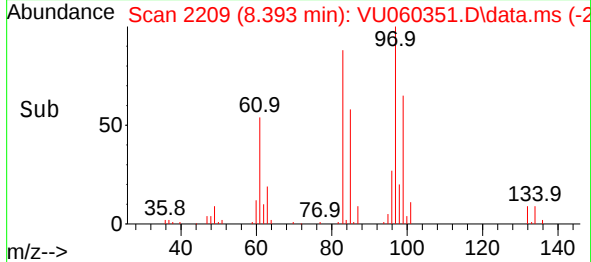
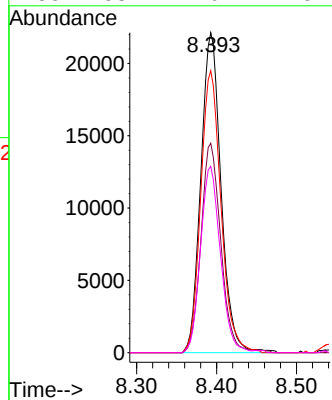
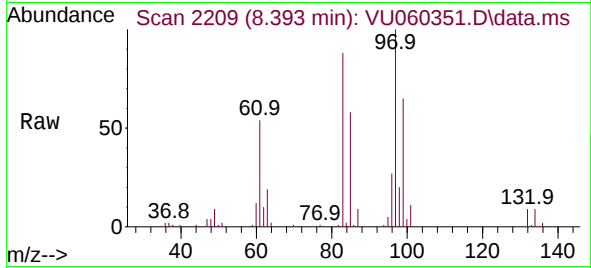




#45
1,1,2-Trichloroethane
Concen: 4.599 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

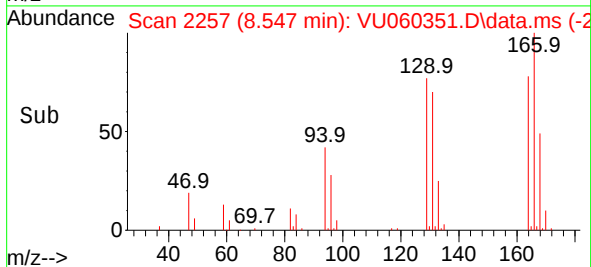
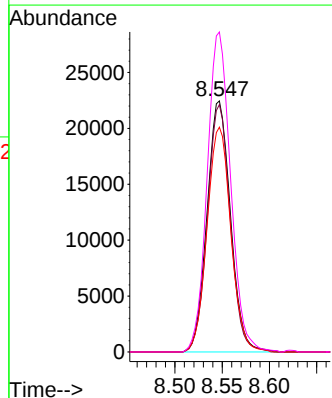
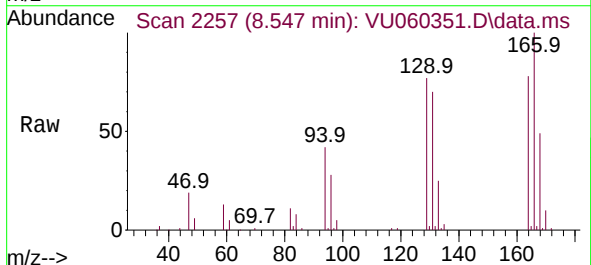
Instrument :
MSVOA_U
ClientSampleId :

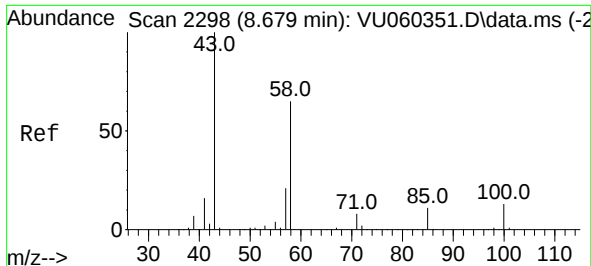
Tgt Ion:	97	Resp:	38936
Ion	Ratio	Lower	Upper
97	100		
99	65.4	45.8	85.0
83	88.1	61.7	114.5
85	58.2	40.7	75.7



#47
Tetrachloroethene
Concen: 4.414 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion:	164	Resp:	38881
Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.0	128.1
131	89.5	62.6	116.3
166	127.5	89.2	165.8





#48

2-Hexanone

Concen: 53.420 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 197788

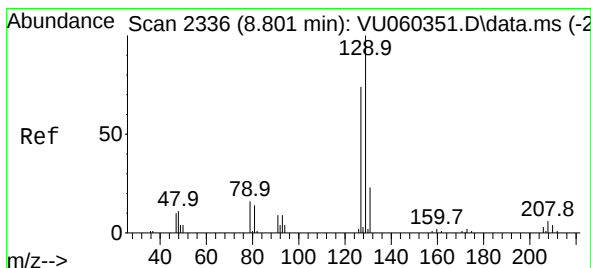
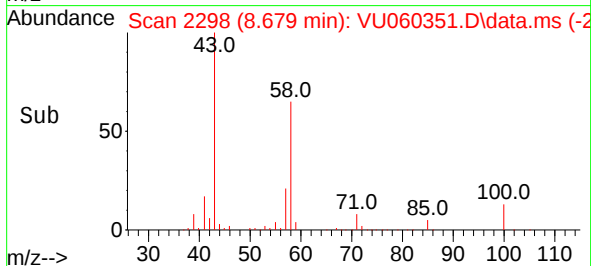
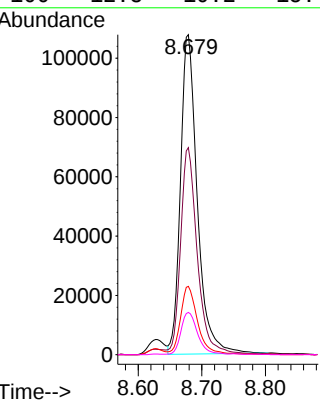
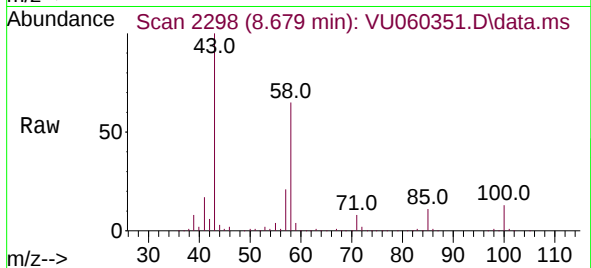
Ion Ratio Lower Upper

43 100

58 63.6 50.9 76.3

57 21.7 17.4 26.0

100 12.8 10.2 15.4



#49

Dibromochloromethane

Concen: 4.678 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU060351.D

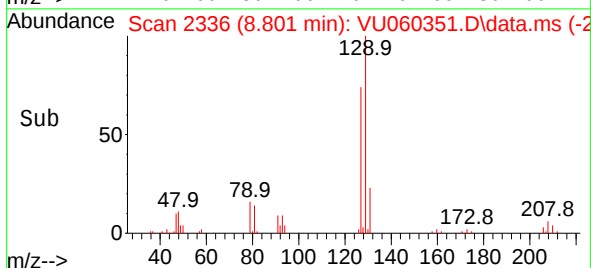
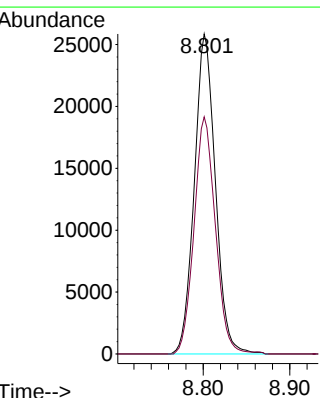
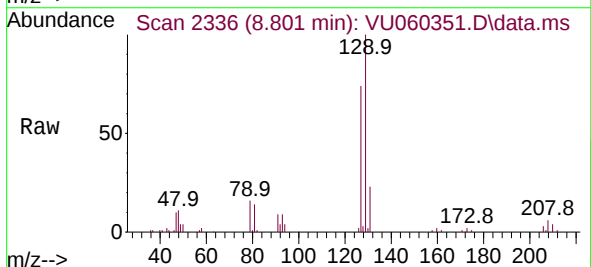
Acq: 08 Aug 2024 11:33

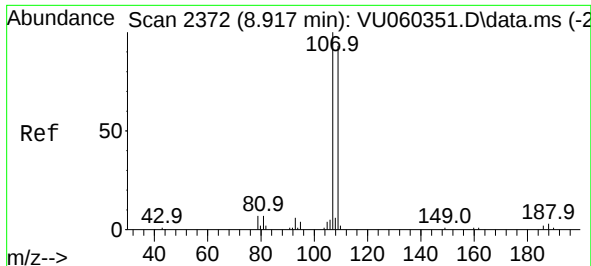
Tgt Ion: 129 Resp: 43653

Ion Ratio Lower Upper

129 100

127 74.1 51.9 96.3





#50

1,2-Dibromoethane

Concen: 4.676 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU060351.D

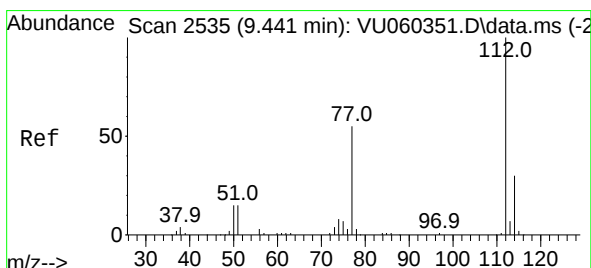
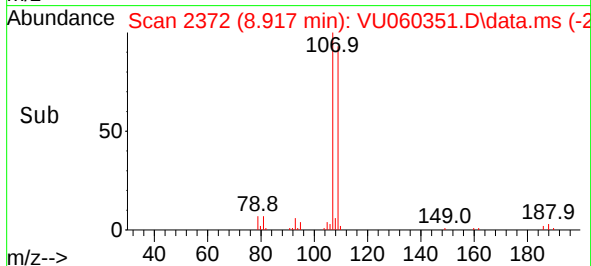
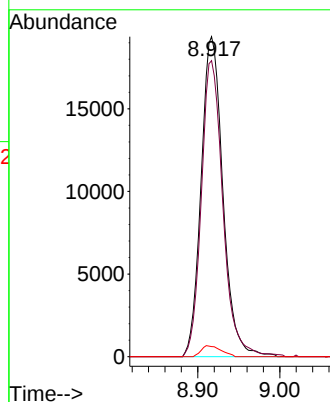
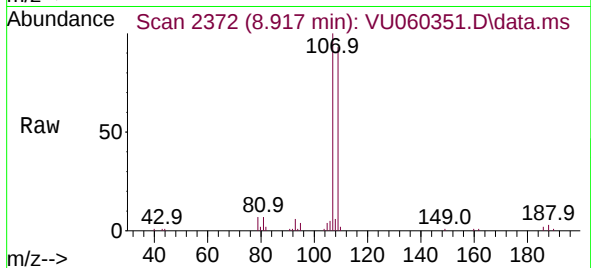
Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	35799
Ion Ratio	Lower	Upper	
107	100		
109	92.5	64.8	120.3
188	3.2	2.6	3.8



#51

Chlorobenzene

Concen: 4.674 ug/L

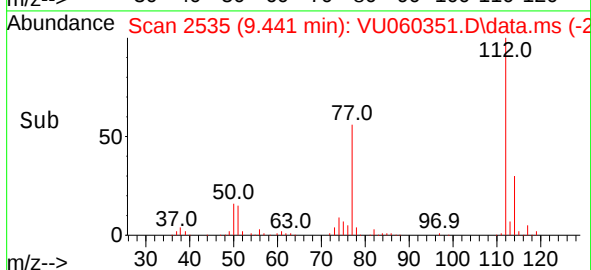
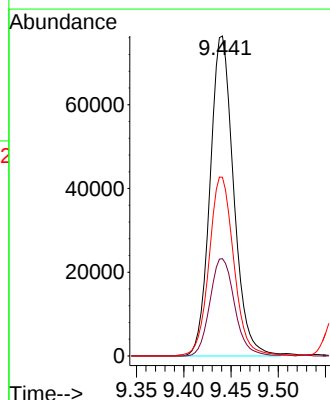
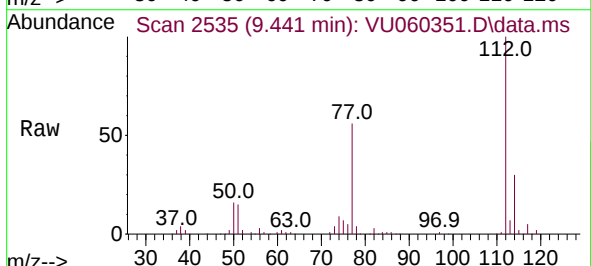
RT: 9.441 min Scan# 2535

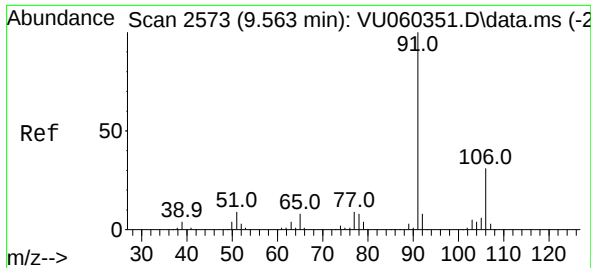
Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Tgt Ion:	112	Resp:	132794
Ion Ratio	Lower	Upper	
112	100		
114	30.4	21.3	39.5
77	55.8	44.6	67.0

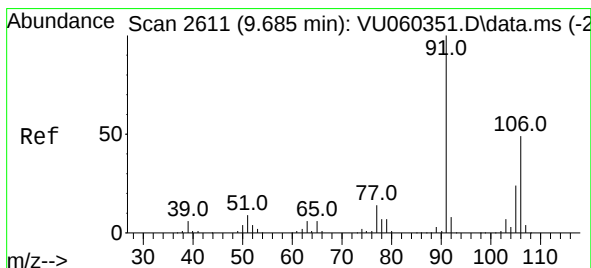
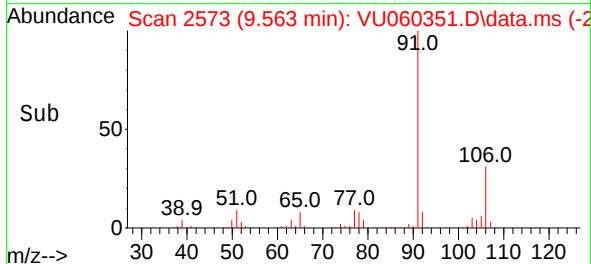
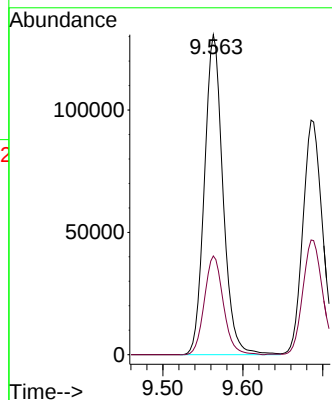
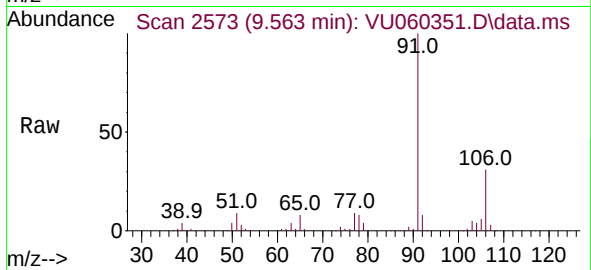




#52
Ethylbenzene
Concen: 4.858 ug/L
RT: 9.563 min Scan# 211027
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

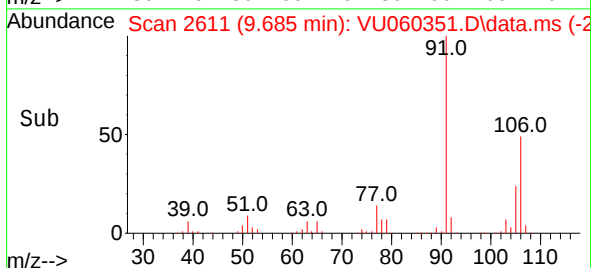
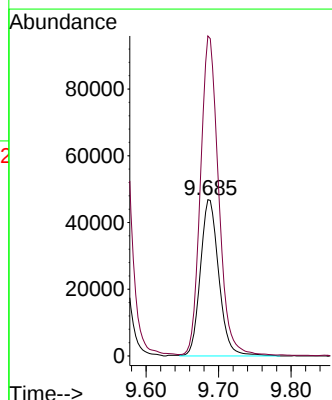
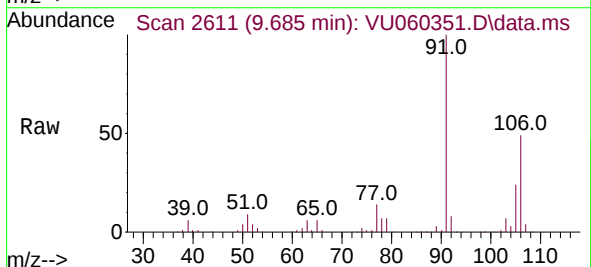
Instrument :
MSVOA_U
ClientSampleId :

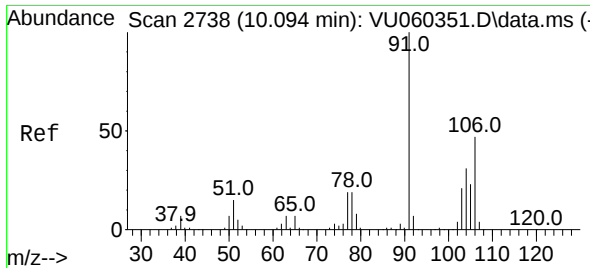
Tgt Ion: 91 Resp: 211027
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-Xylene
Concen: 4.923 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion:106 Resp: 82666
Ion Ratio Lower Upper
106 100
91 204.6 143.2 266.0

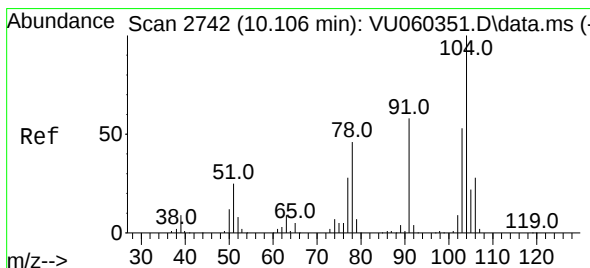
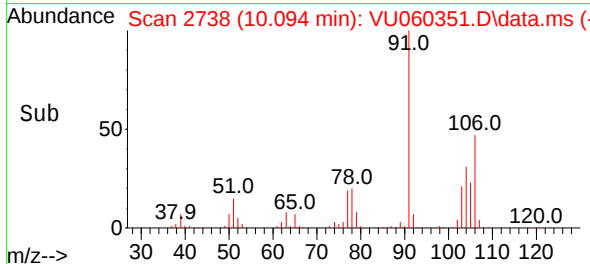
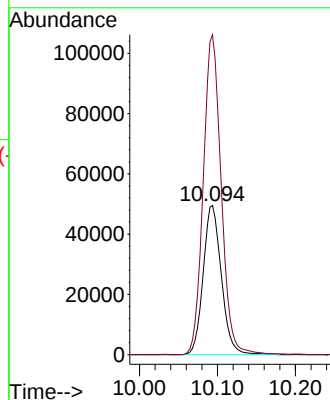
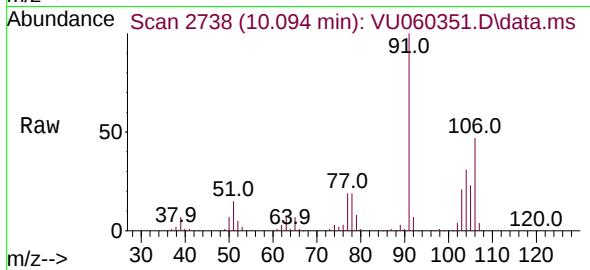




#54
o-Xylene
Concen: 4.989 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

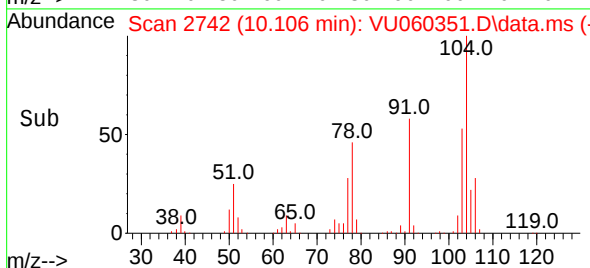
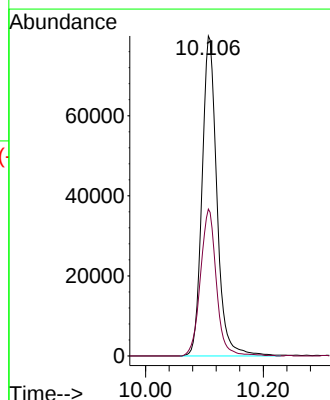
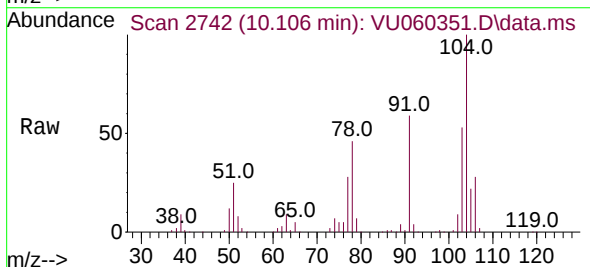
Instrument :
MSVOA_U
ClientSampleId :

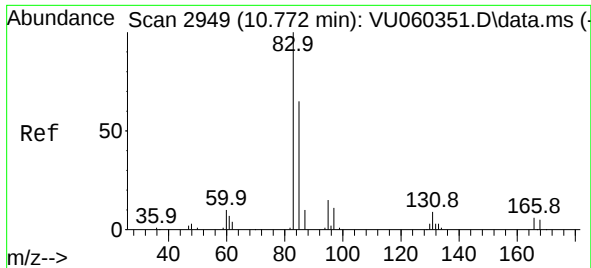
Tgt Ion:106 Resp: 80187
Ion Ratio Lower Upper
106 100
91 214.6 150.2 279.0



#55
Styrene
Concen: 5.132 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion:104 Resp: 140498
Ion Ratio Lower Upper
104 100
78 45.9 32.1 59.7

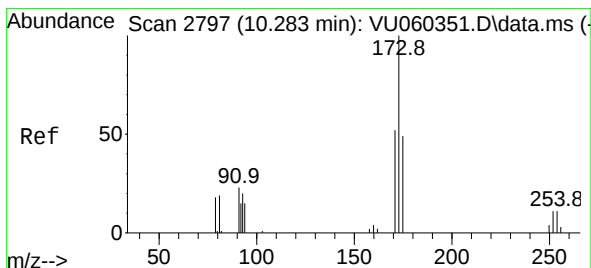
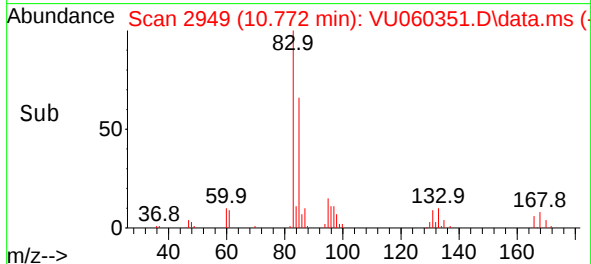
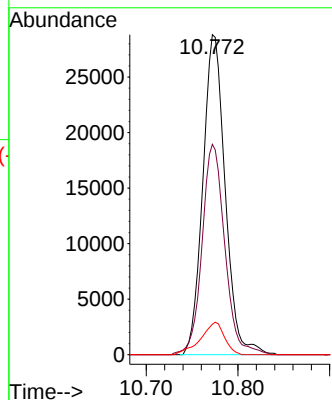
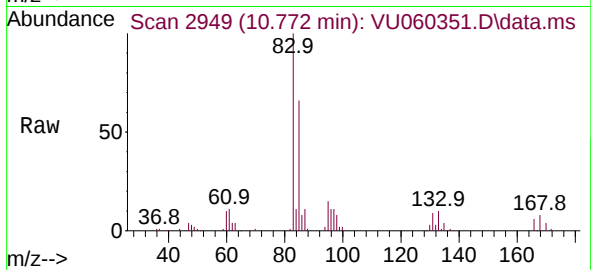




#57
1,1,2,2-Tetrachloroethane
Concen: 4.682 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

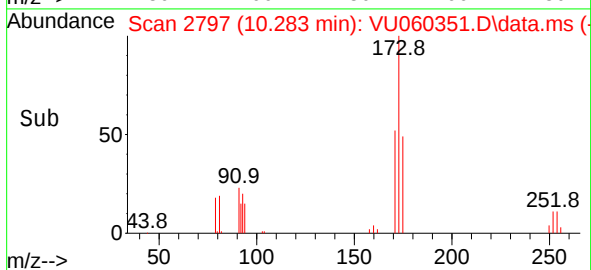
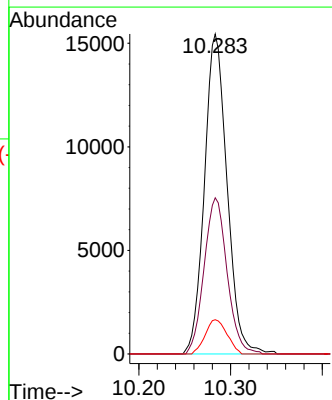
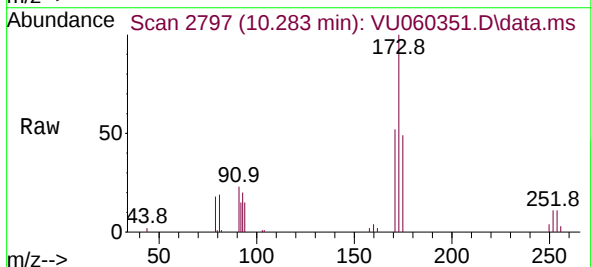
Instrument :
MSVOA_U
ClientSampleId :

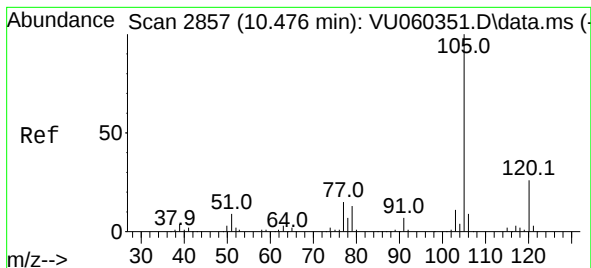
Tgt Ion: 83 Resp: 48791
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5
131 9.5 7.6 11.4



#59
Bromoform
Concen: 4.376 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion:173 Resp: 26455
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
254 10.3 8.2 12.4





#60

Isopropylbenzene

Concen: 4.853 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

ClientSampleId :

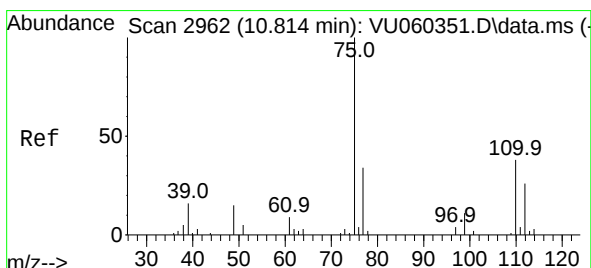
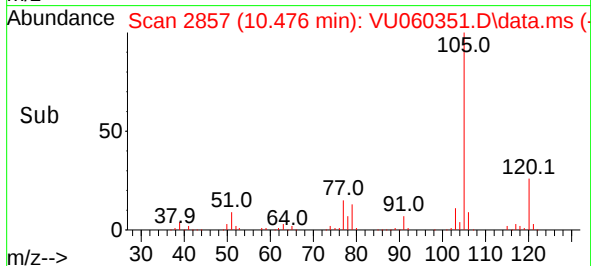
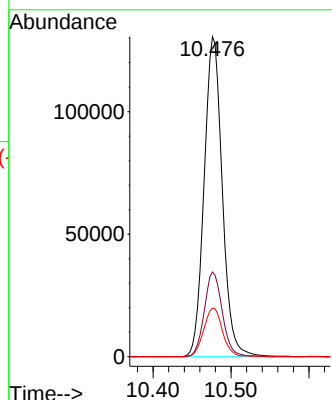
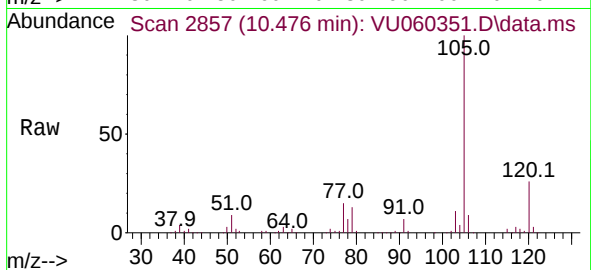
Tgt Ion:105 Resp: 211421

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.647 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

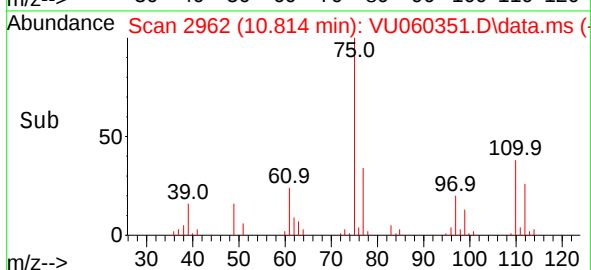
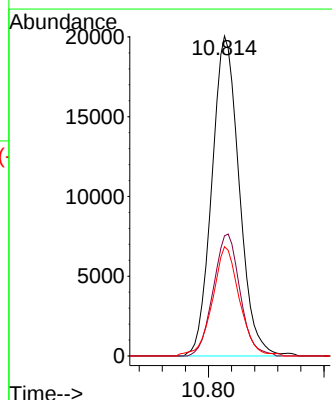
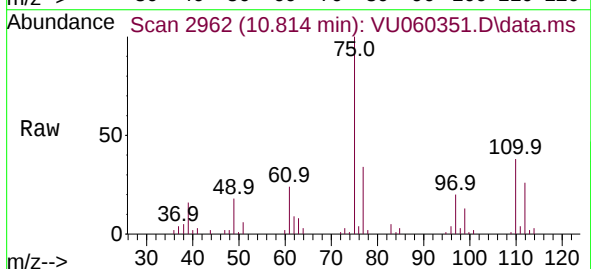
Tgt Ion: 75 Resp: 32933

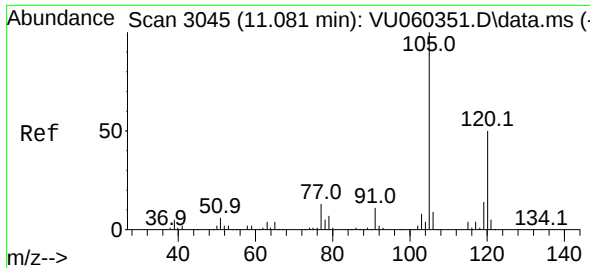
Ion Ratio Lower Upper

75 100

110 37.4 29.9 44.9

77 33.8 27.0 40.6

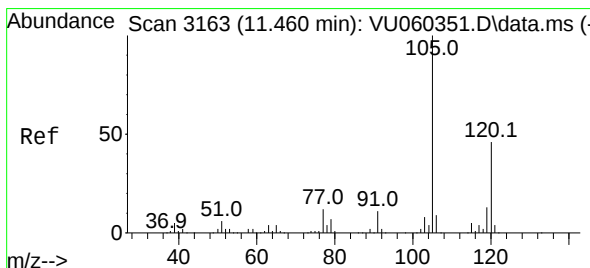
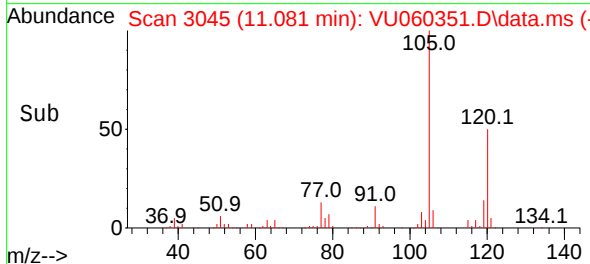
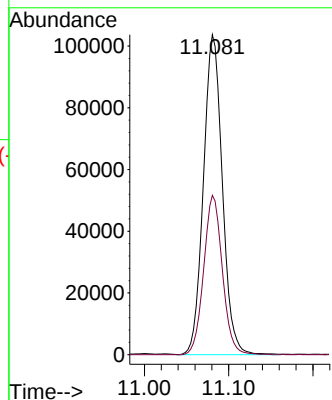
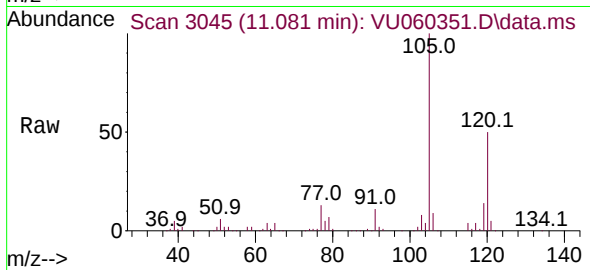




#62
1,3,5-Trimethylbenzene
Concen: 4.861 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

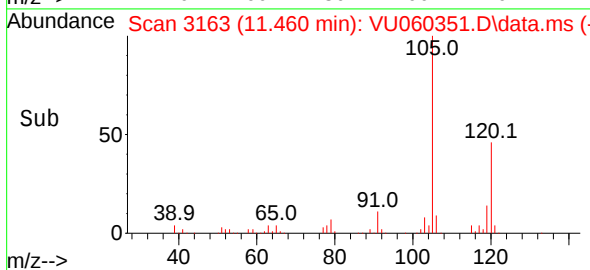
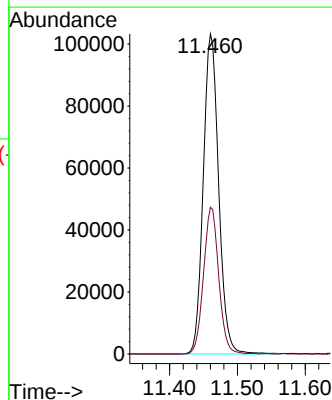
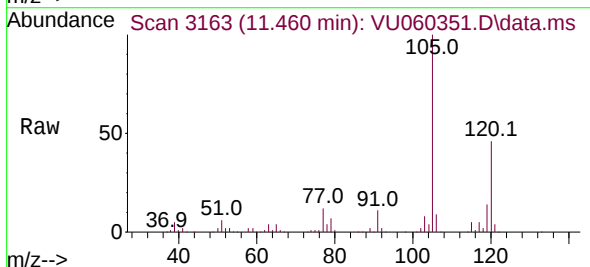
Instrument :
MSVOA_U
ClientSampleId :

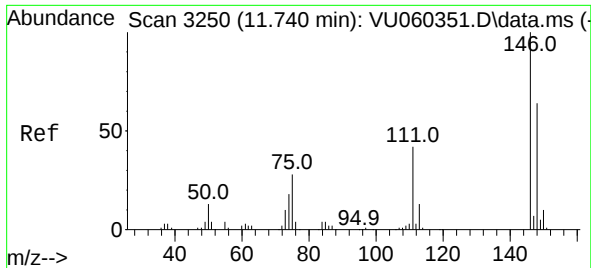
Tgt Ion:105 Resp: 162410
Ion Ratio Lower Upper
105 100
120 49.1 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.026 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion:105 Resp: 162931
Ion Ratio Lower Upper
105 100
120 45.1 36.1 54.1

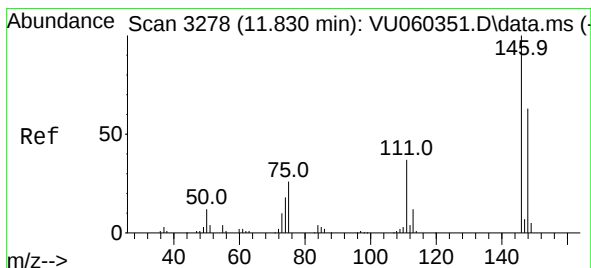
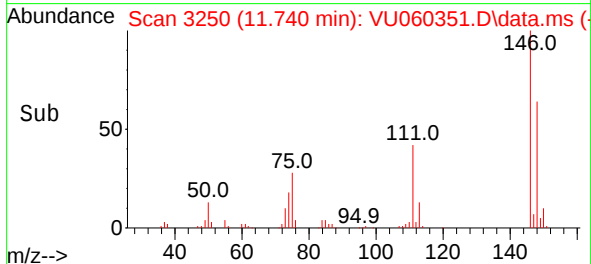
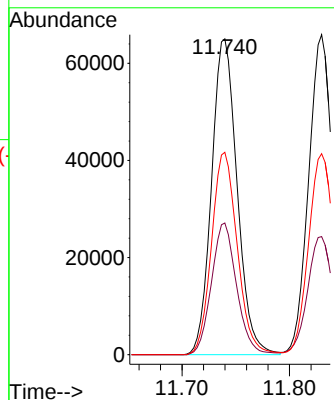
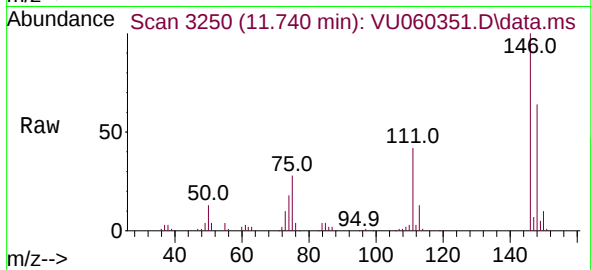




#64
1,3-Dichlorobenzene
Concen: 4.617 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

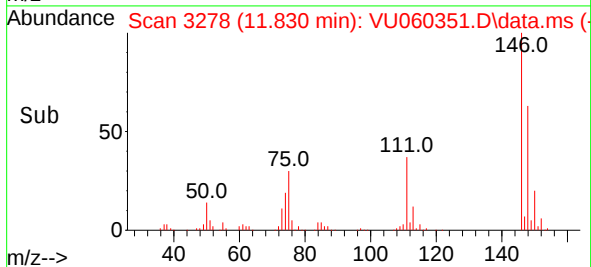
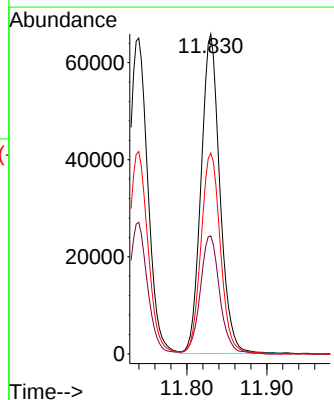
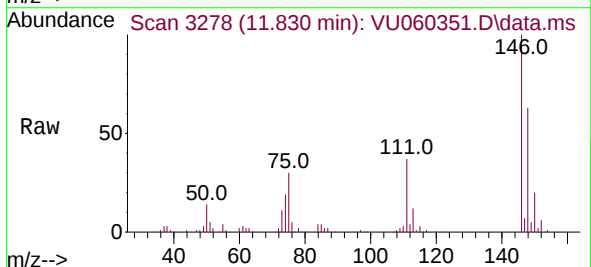
Instrument :
MSVOA_U
ClientSampleId :

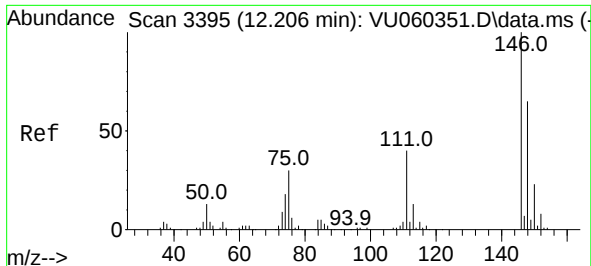
Tgt Ion:146 Resp: 107464
Ion Ratio Lower Upper
146 100
111 41.7 29.2 54.2
148 64.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.521 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion:146 Resp: 107894
Ion Ratio Lower Upper
146 100
111 36.9 25.8 48.0
148 62.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 4.508 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

ClientSampleId :

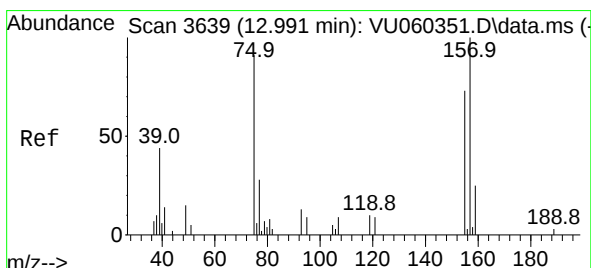
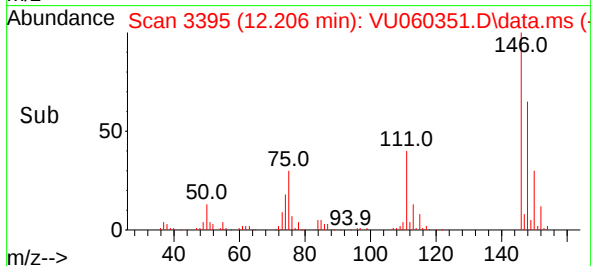
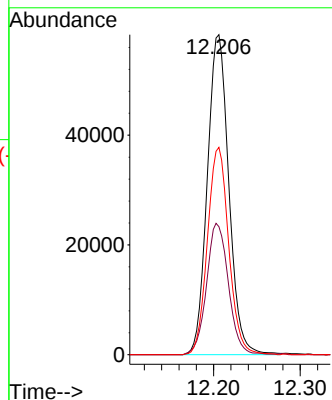
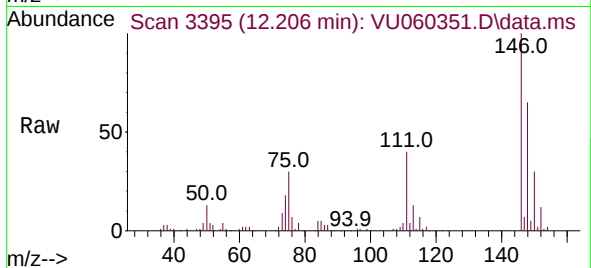
Tgt Ion:146 Resp: 100617

Ion Ratio Lower Upper

146 100

111 40.0 32.0 48.0

148 64.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.904 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

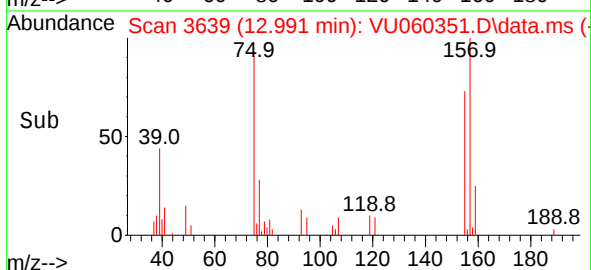
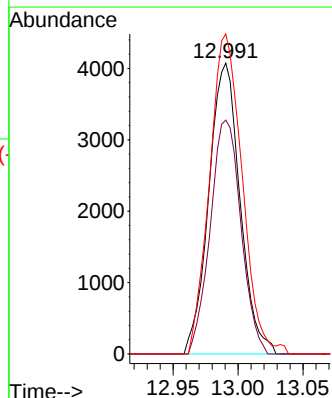
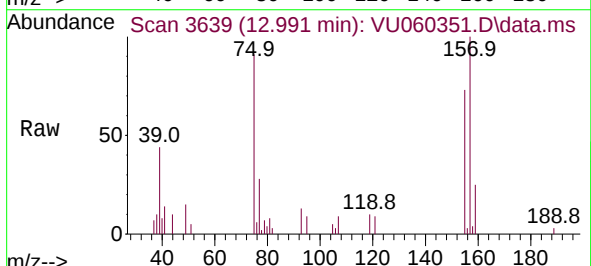
Tgt Ion: 75 Resp: 6802

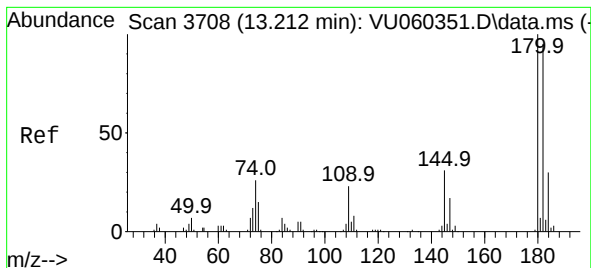
Ion Ratio Lower Upper

75 100

155 80.4 64.3 96.5

157 110.0 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 4.487 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

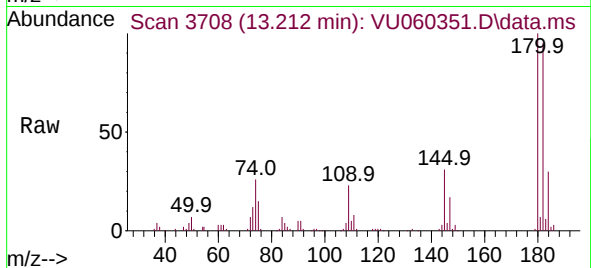
Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 78774

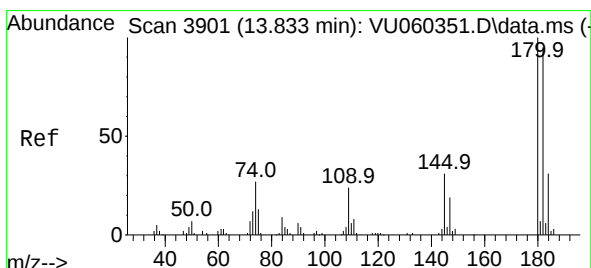
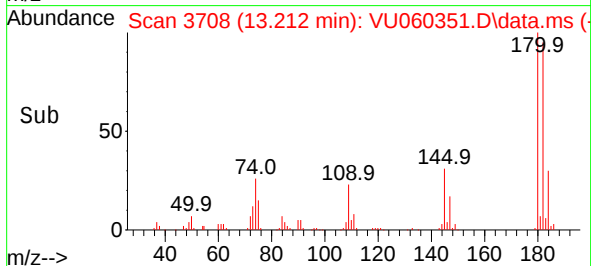
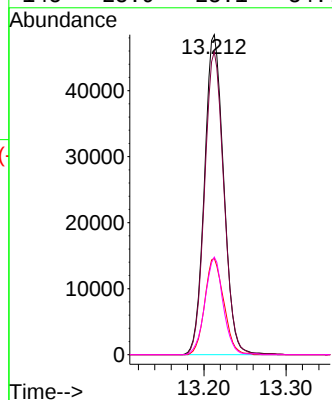
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 29.8 23.8 35.8

145 28.9 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.513 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060351.D

Acq: 08 Aug 2024 11:33

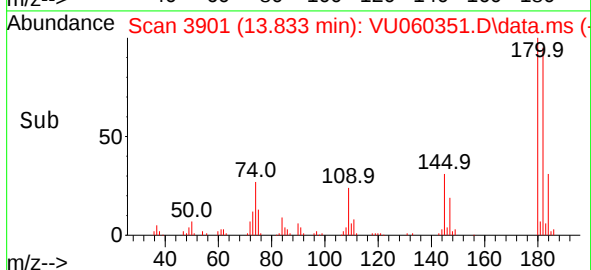
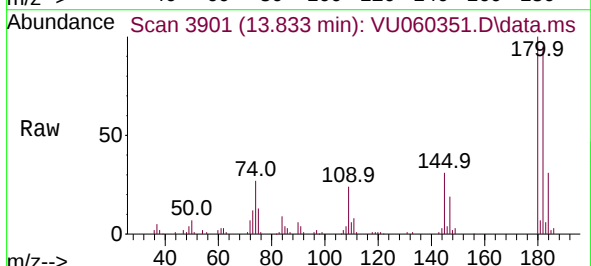
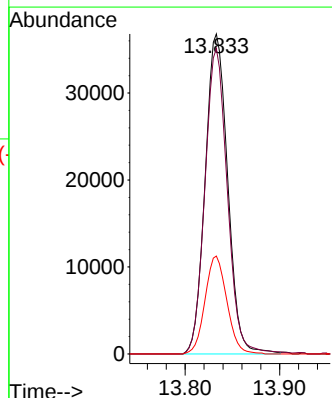
Tgt Ion:180 Resp: 60899

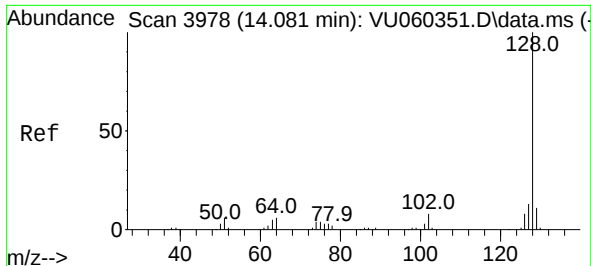
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

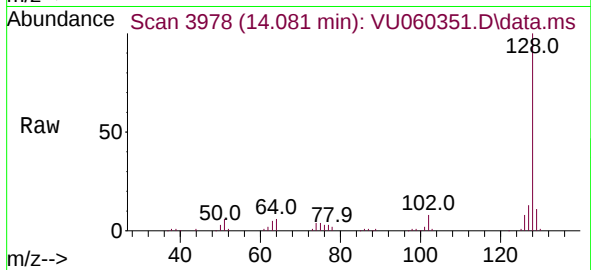
145 29.6 23.7 35.5



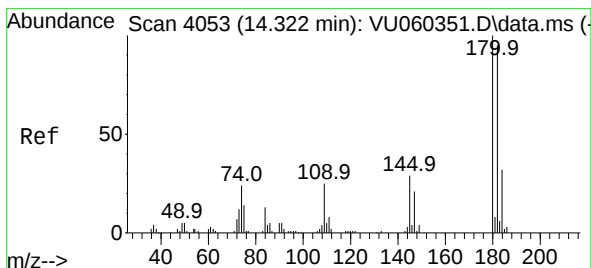
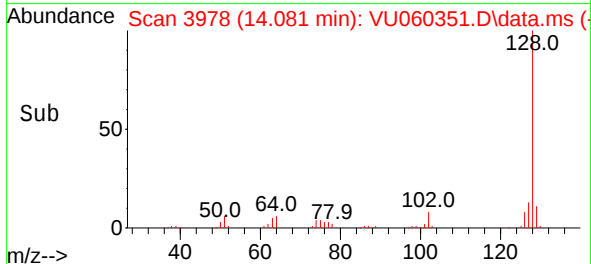
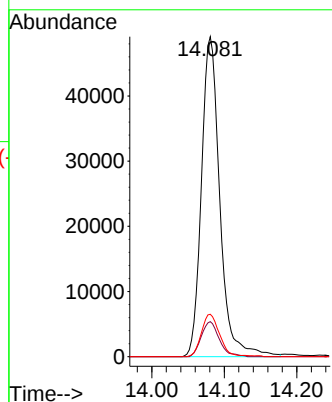


#71
Naphthalene
Concen: 4.483 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 86723
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.549 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060351.D
Acq: 08 Aug 2024 11:33

Tgt Ion:180 Resp: 55041
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 29.6 23.7 35.5

