

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061617.D
 Acq On : 13 Nov 2024 10:20
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 00:06:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:03:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	201664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	192533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	101686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	275729	21.162	ug/L	0.00
7) Chloroethane-d5	1.911	69	239861	21.563	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	124556	21.306	ug/L	0.00
20) 2-Butanone-d5	4.621	46	633962	233.224	ug/L	0.00
24) Chloroform-d	5.052	84	561968	21.698	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	264877	21.311	ug/L	0.00
32) Benzene-d6	5.718	84	1153395	21.654	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	339300	21.598	ug/L	0.00
41) Toluene-d8	7.888	98	1110966	22.378	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	140106	24.212	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	579427	254.687	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	272936	22.039	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	391158	21.598	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	308989	20.615	ug/L	100
3) Chloromethane	1.518	50	281696	20.717	ug/L	99
5) Vinyl chloride	1.602	62	324140	21.602	ug/L	99
6) Bromomethane	1.856	94	206188	23.028	ug/L	99
8) Chloroethane	1.933	64	226840	21.793	ug/L	100
9) Trichlorofluoromethane	2.132	101	484132	21.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	274018	21.013	ug/L	99
12) 1,1-Dichloroethene	2.573	96	271102	22.270	ug/L	98
13) Acetone	2.644	43	365492	209.765	ug/L	97
14) Carbon disulfide	2.788	76	863908	22.094	ug/L	100
15) Methyl Acetate	2.949	43	94978	21.817	ug/L	99
16) Methylene chloride	3.036	84	295941	21.094	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	675520	22.640	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	291789	21.852	ug/L	98
19) 1,1-Dichloroethane	3.859	63	526030	21.607	ug/L	98
21) 2-Butanone	4.701	43	640000	233.253	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	336557	22.349	ug/L	99
23) Bromochloromethane	4.962	128	147178	22.004	ug/L	99
25) Chloroform	5.074	83	563048	21.943	ug/L	97
27) 1,2-Dichloroethane	5.782	62	342569	21.275	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	483952	22.089	ug/L	99
30) Cyclohexane	5.377	56	488177	22.306	ug/L	100
31) Carbon tetrachloride	5.515	117	422478	22.640	ug/L	100
33) Benzene	5.763	78	1270049	21.796	ug/L	100
34) Trichloroethene	6.531	95	344513	21.896	ug/L	97
35) Methylcyclohexane	6.753	83	542405	22.859	ug/L	98
37) 1,2-Dichloropropane	6.779	63	320631	21.689	ug/L	99
38) Bromodichloromethane	7.094	83	397636	22.418	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	499079	23.721	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	1624755	229.224	ug/L	99
42) Toluene	7.959	91	1398970	22.298	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	403420	24.174	ug/L	99

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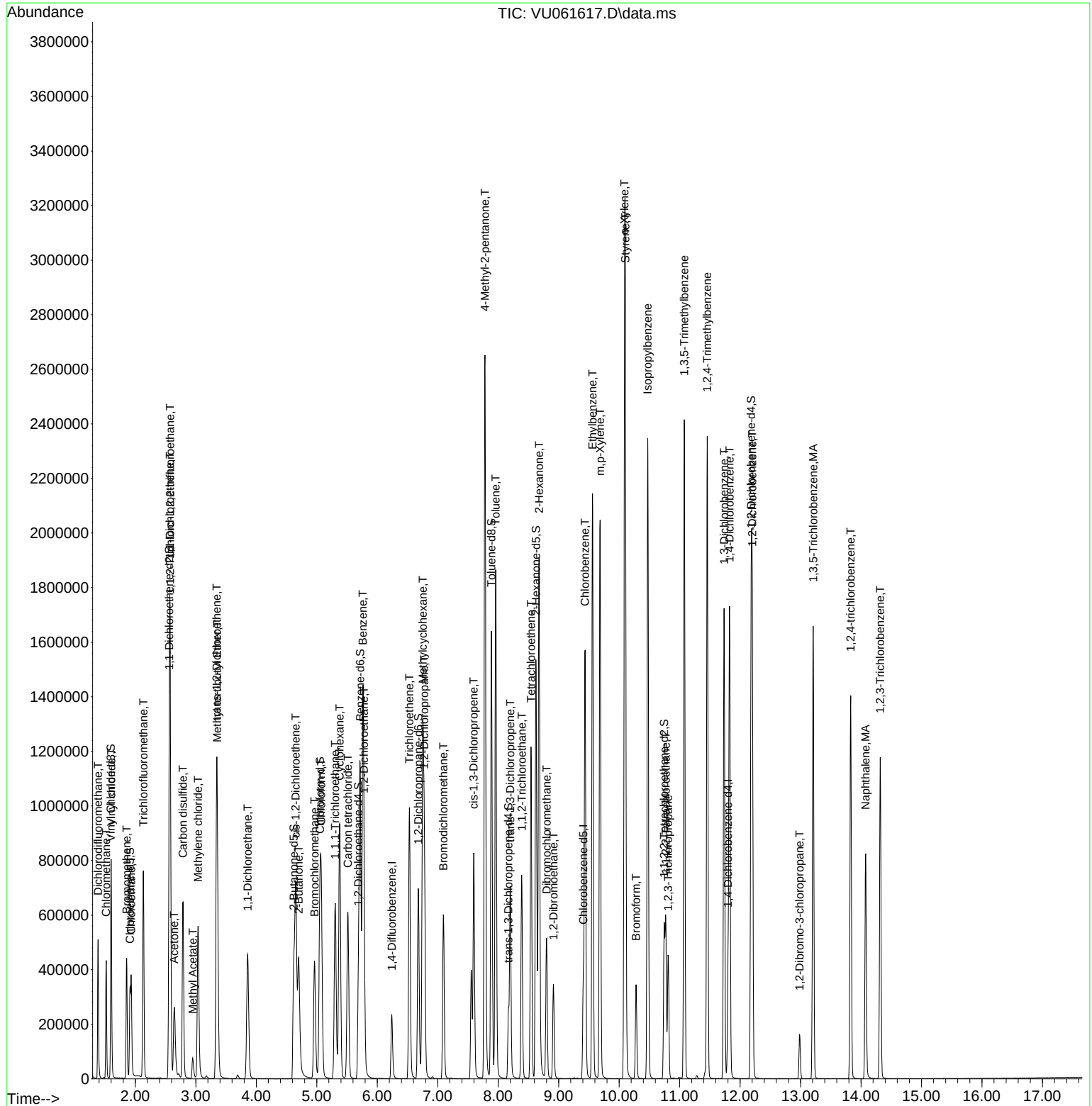
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	237105	22.001	ug/L	99
47) Tetrachloroethene	8.544	164	266369	22.530	ug/L	97
48) 2-Hexanone	8.676	43	1165827	231.964	ug/L	97
49) Dibromochloromethane	8.801	129	269031	23.808	ug/L	97
50) 1,2-Dibromoethane	8.914	107	227403	22.371	ug/L	97
51) Chlorobenzene	9.438	112	883524	21.878	ug/L	100
52) Ethylbenzene	9.560	91	1542459	23.080	ug/L	99
53) m,p-Xylene	9.685	106	598268	23.396	ug/L	99
54) o-Xylene	10.090	106	587964	23.656	ug/L	98
55) Styrene	10.103	104	978662	24.731	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	284566	21.699	ug/L	95
59) Bromoform	10.280	173	155236	23.064	ug/L	99
60) Isopropylbenzene	10.473	105	1564184	22.181	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	192950	20.143	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	1296150	22.955	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	1288452	23.443	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	713042	22.048	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	705480	21.483	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	658666	21.900	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	39360	23.531	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	521182	23.081	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	436398	24.937	ug/L	99
71) Naphthalene	14.077	128	678758	27.878	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	365307	24.867	ug/L	99

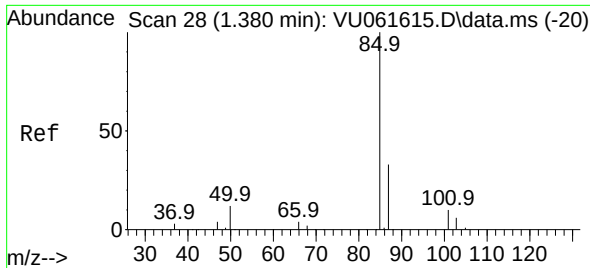
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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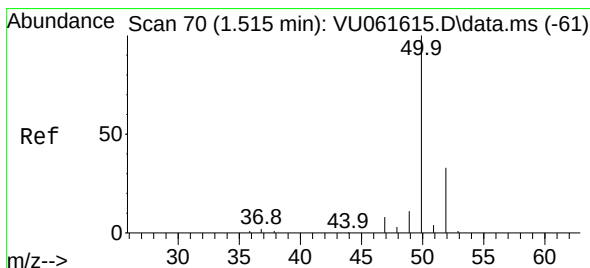
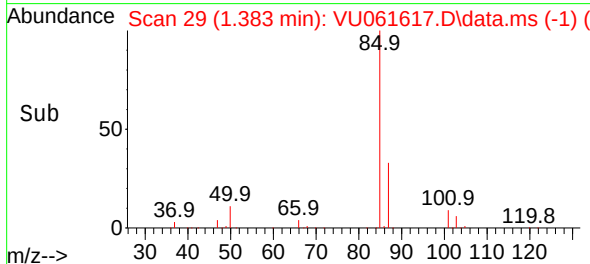
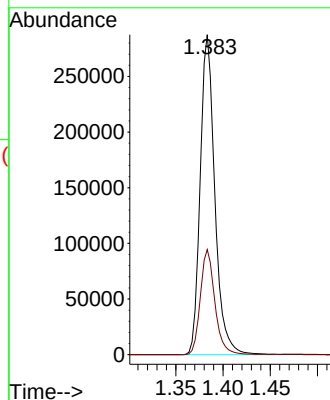
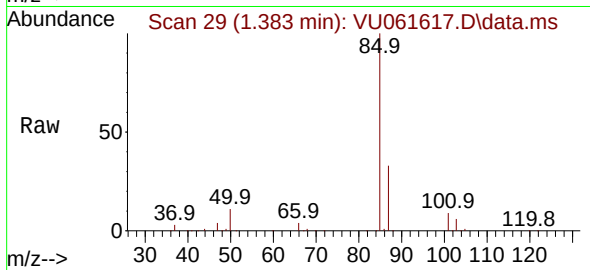




#2
Dichlorodifluoromethane
Concen: 20.615 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

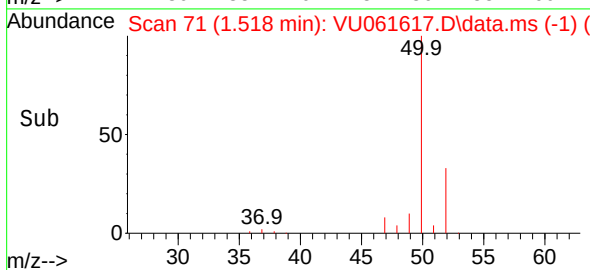
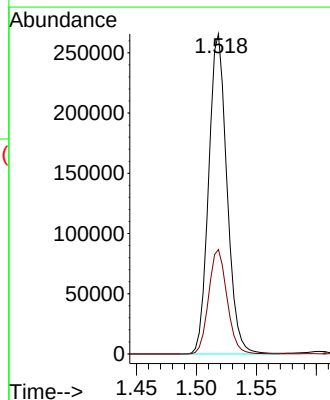
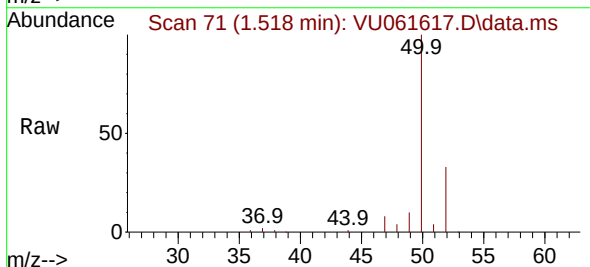
Instrument :
MSVOA_U
ClientSampleId :

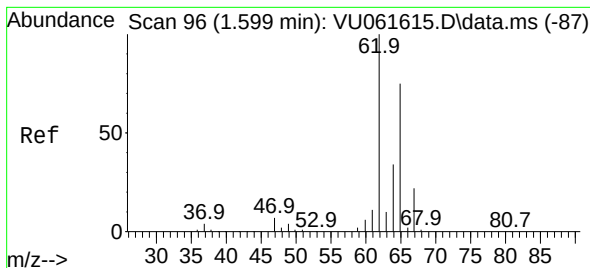
Tgt Ion: 85 Resp: 308989
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0



#3
Chloromethane
Concen: 20.717 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion: 50 Resp: 281696
Ion Ratio Lower Upper
50 100
52 32.6 23.2 43.2





#5

Vinyl chloride

Concen: 21.602 ug/L

RT: 1.602 min Scan# 9

Delta R.T. 0.003 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

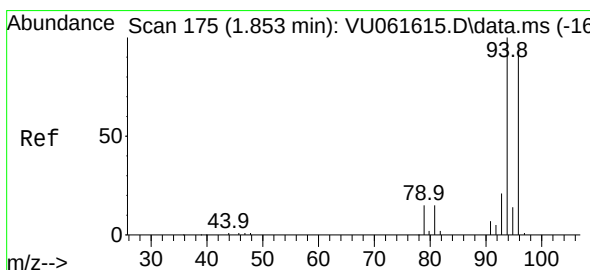
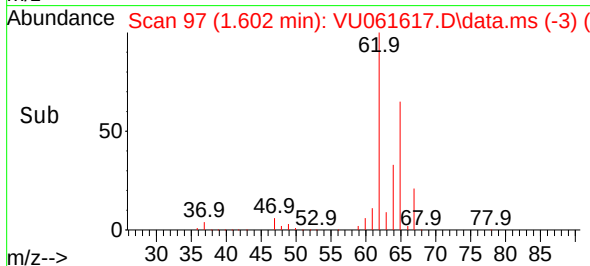
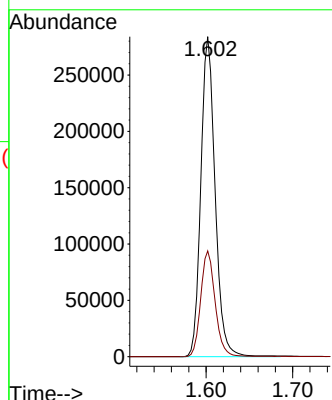
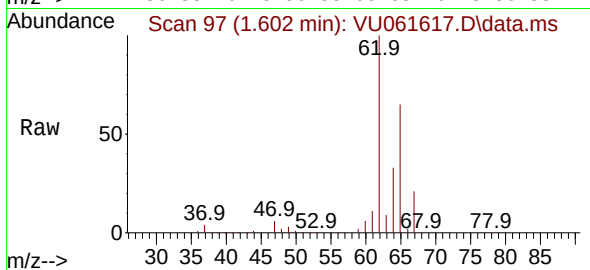
ClientSampleId :

Tgt Ion: 62 Resp: 324140

Ion Ratio Lower Upper

62 100

64 33.1 23.7 44.1



#6

Bromomethane

Concen: 23.028 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU061617.D

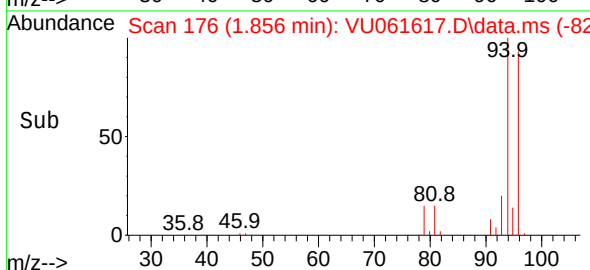
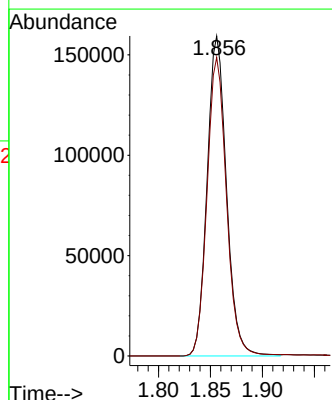
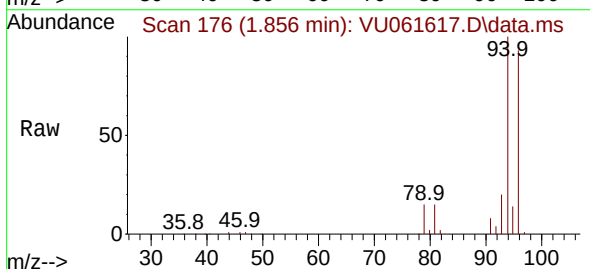
Acq: 13 Nov 2024 10:20

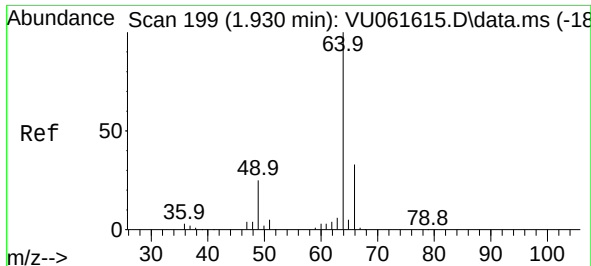
Tgt Ion: 94 Resp: 206188

Ion Ratio Lower Upper

94 100

96 93.3 65.7 121.9

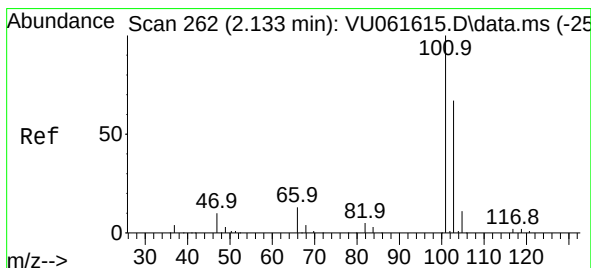
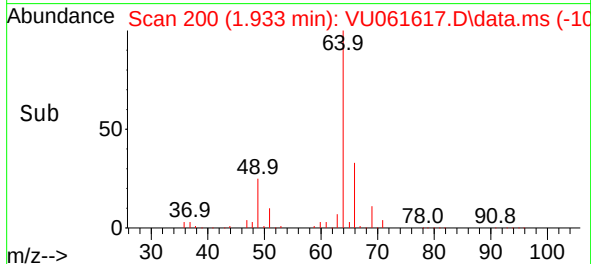
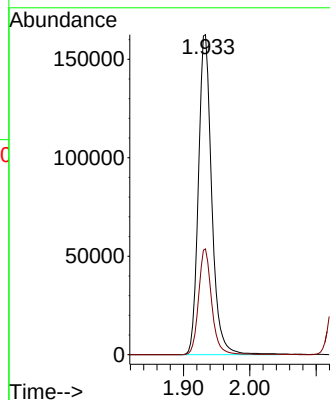
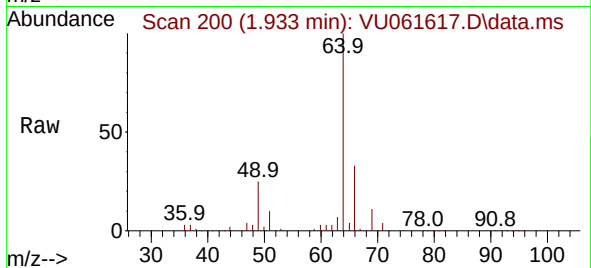




#8
Chloroethane
Concen: 21.793 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

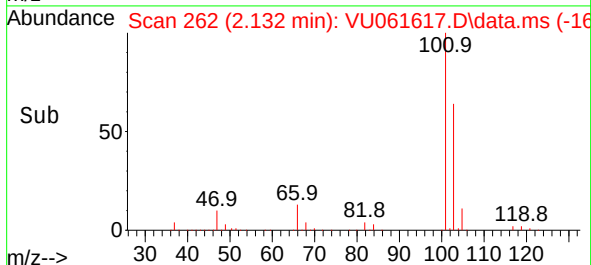
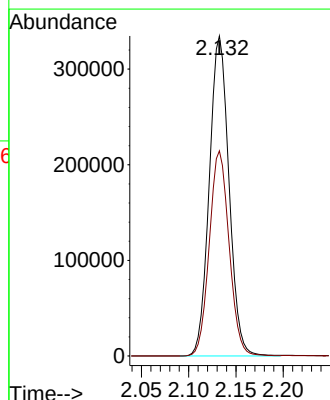
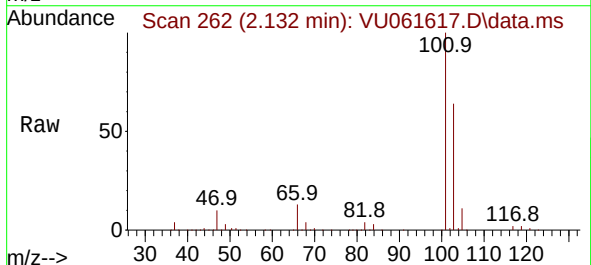
Instrument :
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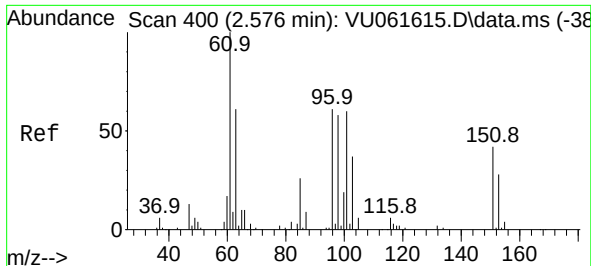
Tgt Ion: 64 Resp: 226840
Ion Ratio Lower Upper
64 100
66 33.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 21.946 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion:101 Resp: 484132
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

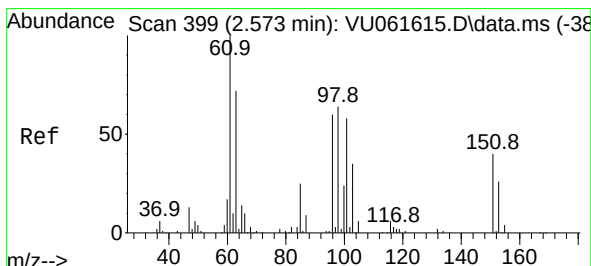
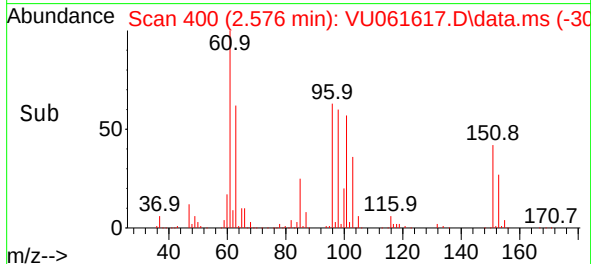
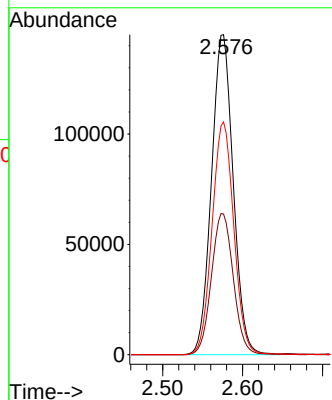
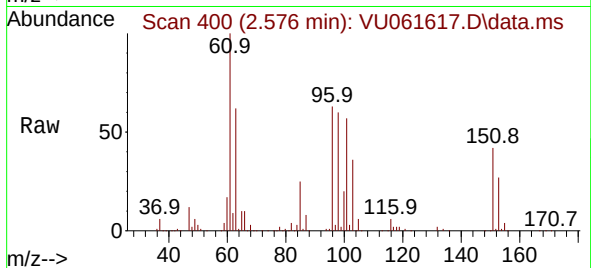




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.013 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU061617.D
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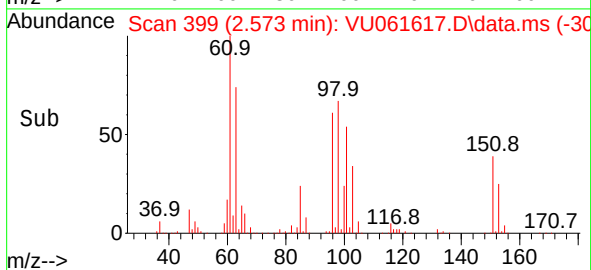
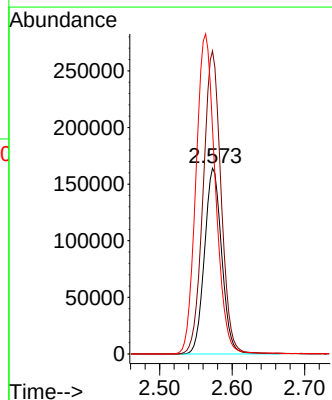
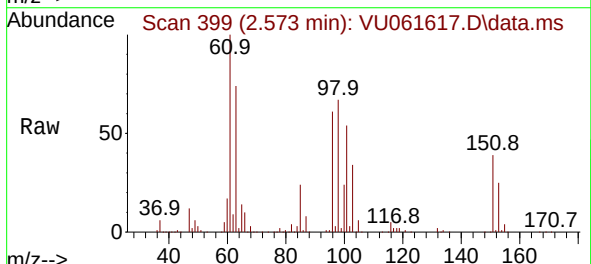
Instrument :
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ClientSampleId :

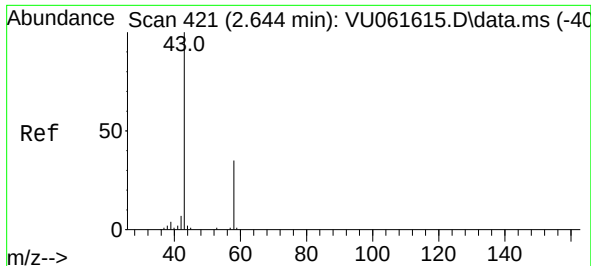
Tgt Ion:101 Resp: 274018
Ion Ratio Lower Upper
101 100
85 44.3 35.1 52.7
151 72.8 56.9 85.3



#12
1,1-Dichloroethene
Concen: 22.270 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

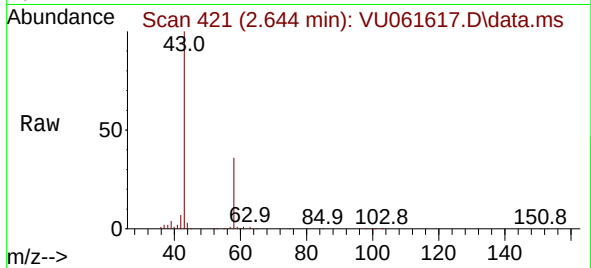
Tgt Ion: 96 Resp: 271102
Ion Ratio Lower Upper
96 100
61 163.2 116.8 217.0
63 121.3 86.1 159.9



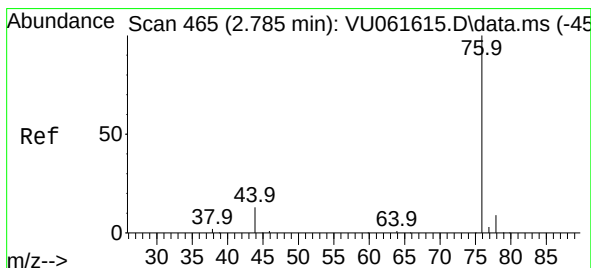
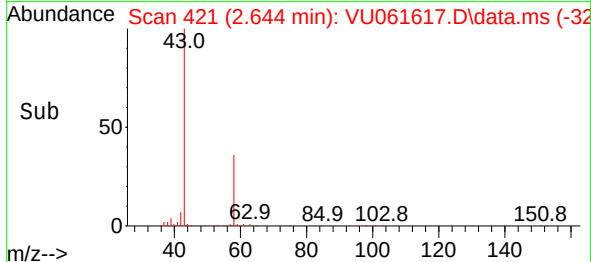
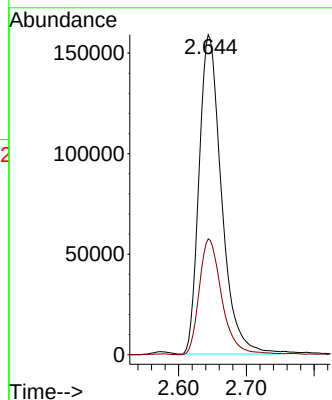


#13
Acetone
Concen: 209.765 ug/L
RT: 2.644 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU061617.D
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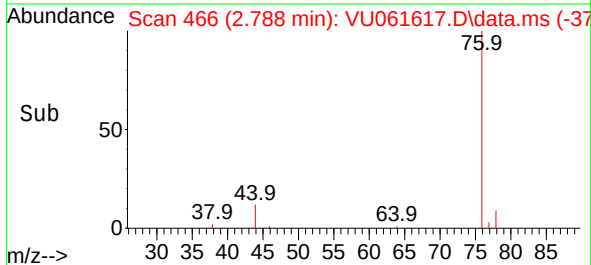
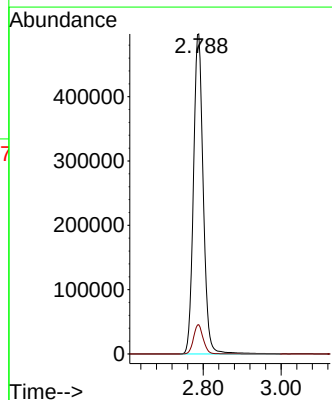
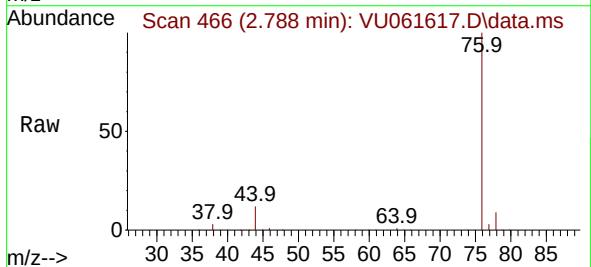


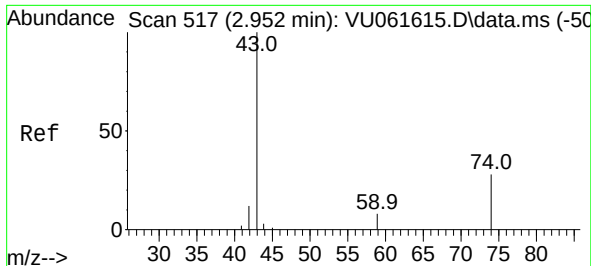
Tgt Ion: 43 Resp: 365492
Ion Ratio Lower Upper
43 100
58 36.5 0.0 69.8



#14
Carbon disulfide
Concen: 22.094 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion: 76 Resp: 863908
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 21.817 ug/L

RT: 2.949 min Scan# 517

Delta R.T. -0.003 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

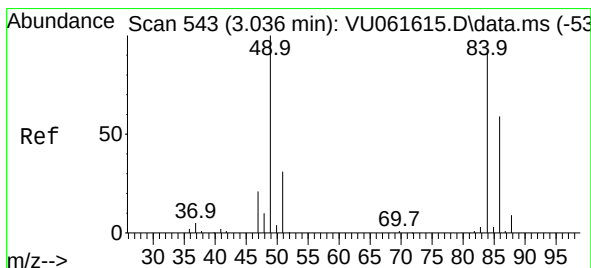
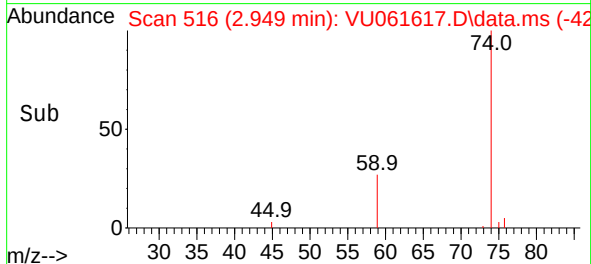
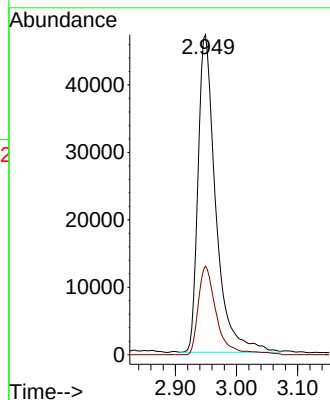
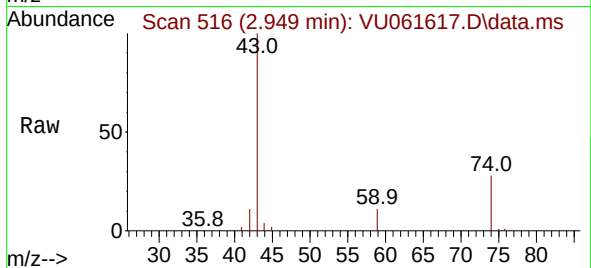
ClientSampleId :

Tgt Ion: 43 Resp: 94978

Ion Ratio Lower Upper

43 100

74 28.7 22.5 33.7



#16

Methylene chloride

Concen: 21.094 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

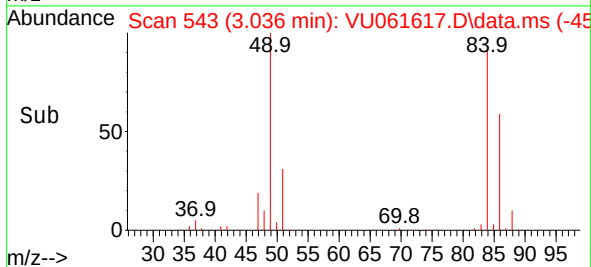
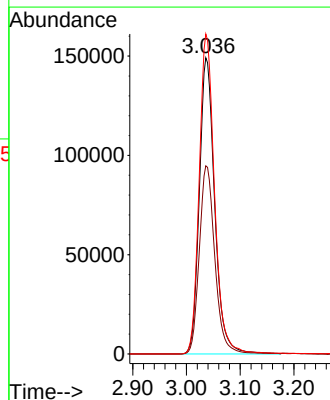
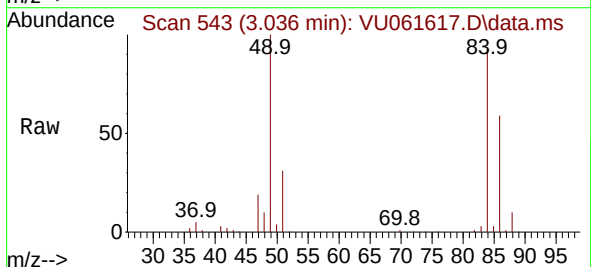
Tgt Ion: 84 Resp: 295941

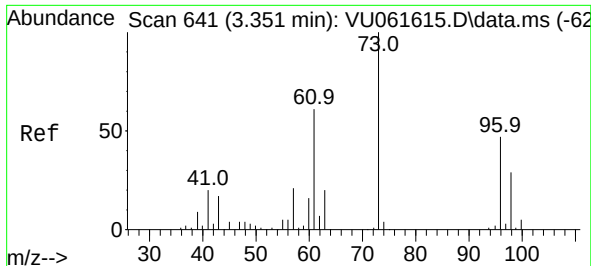
Ion Ratio Lower Upper

84 100

86 63.6 45.1 83.7

49 108.1 76.3 141.7





#17

Methyl tert-butyl Ether

Concen: 22.640 ug/L

RT: 3.354 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

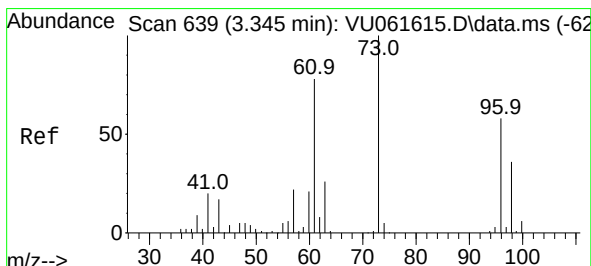
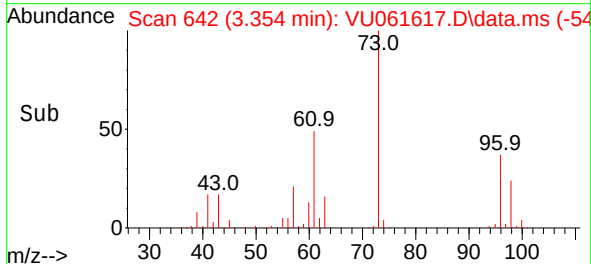
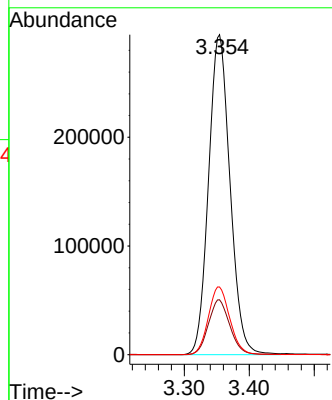
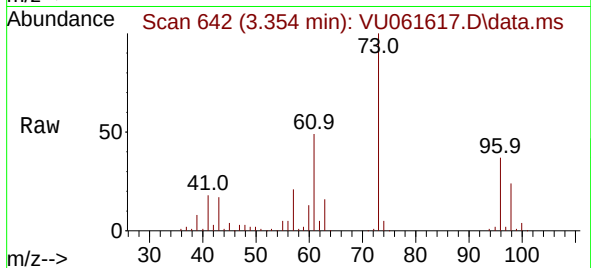
Tgt Ion: 73 Resp: 675520

Ion Ratio Lower Upper

73 100

43 17.0 14.2 21.4

57 21.2 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 21.852 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

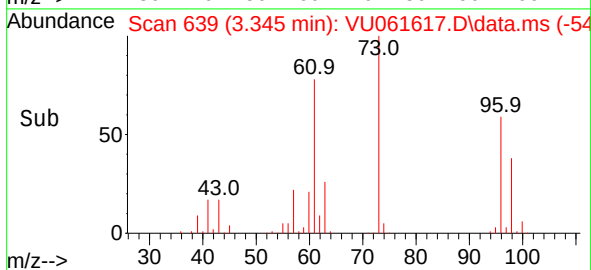
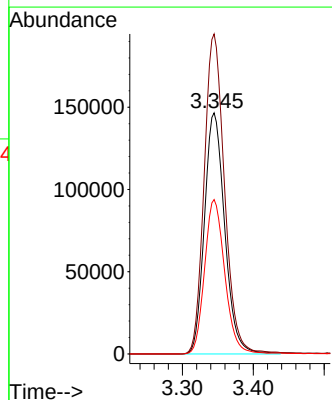
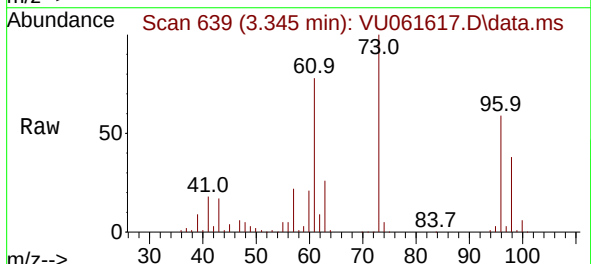
Tgt Ion: 96 Resp: 291789

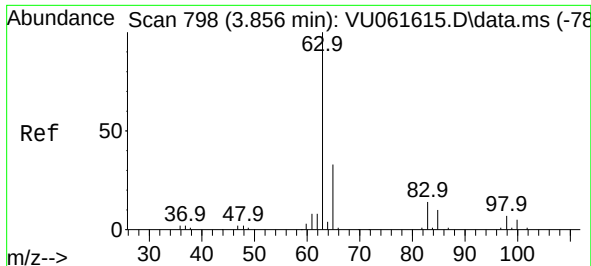
Ion Ratio Lower Upper

96 100

61 132.7 94.1 174.8

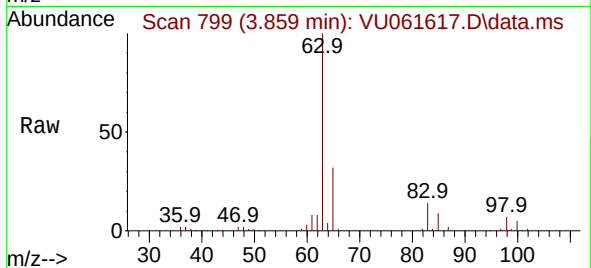
98 64.0 43.2 80.2



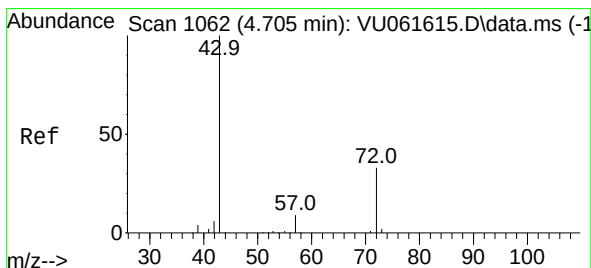
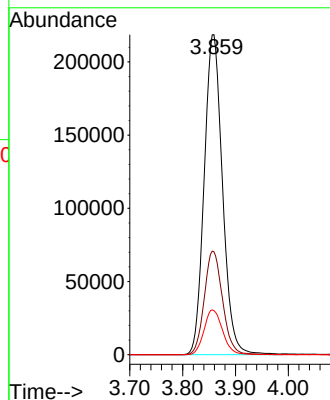
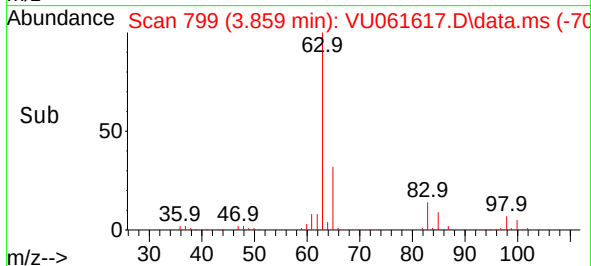


#19
1,1-Dichloroethane
Concen: 21.607 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Instrument :
MSVOA_U
ClientSampleId :

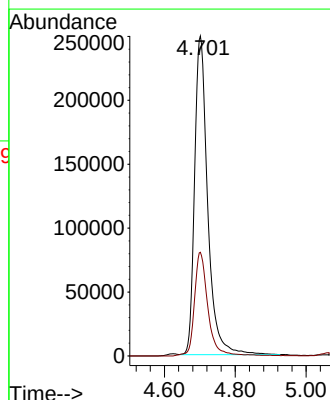
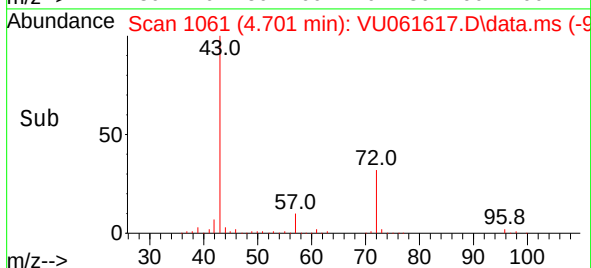
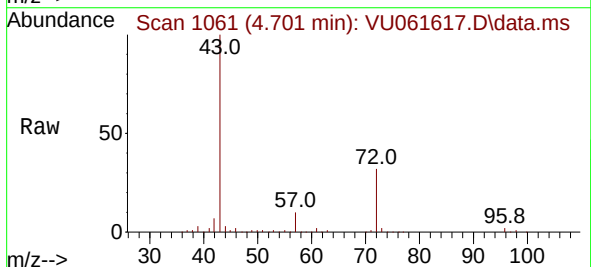


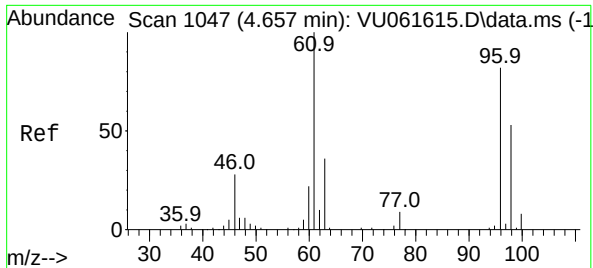
Tgt Ion: 63 Resp: 526030
Ion Ratio Lower Upper
63 100
65 32.2 23.4 43.4
83 13.7 9.6 17.8



#21
2-Butanone
Concen: 233.253 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

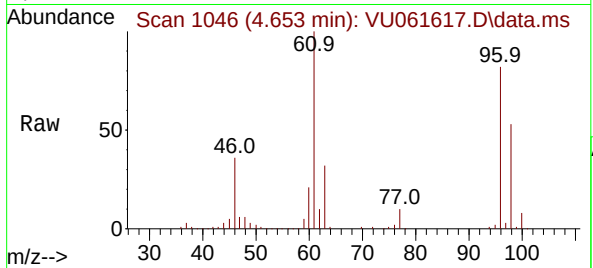
Tgt Ion: 43 Resp: 640000
Ion Ratio Lower Upper
43 100
72 33.1 15.8 47.3



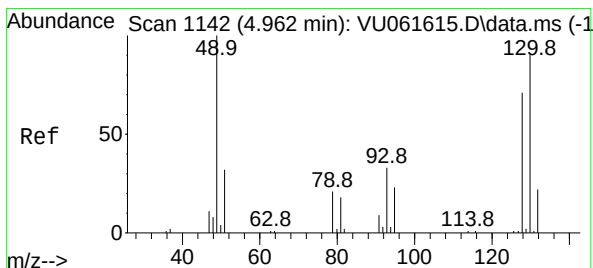
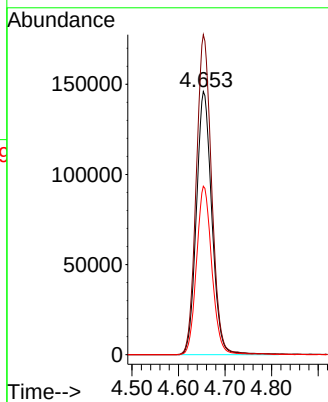
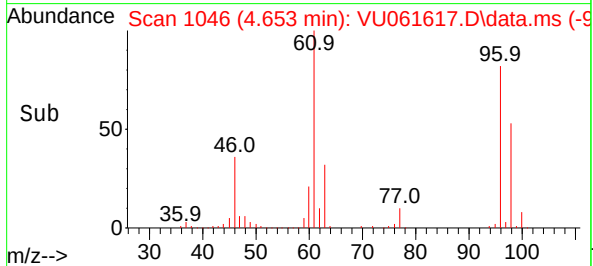


#22
cis-1,2-Dichloroethene
Concen: 22.349 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

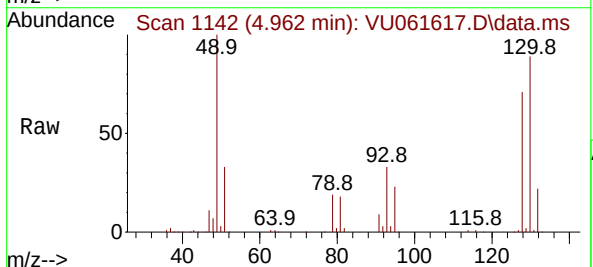
Instrument :
MSVOA_U
ClientSampleId :



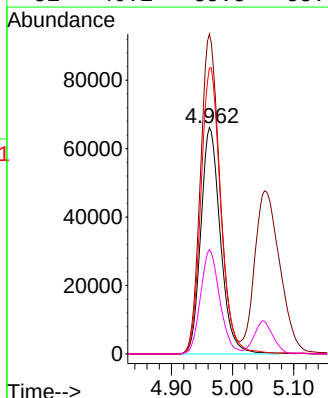
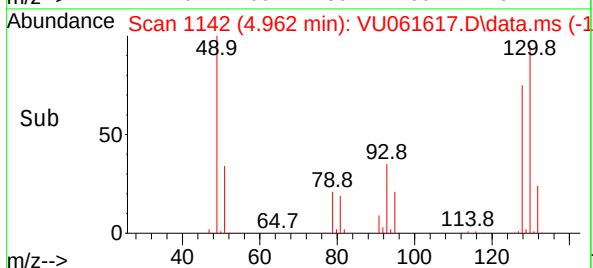
Tgt Ion: 96 Resp: 336557
Ion Ratio Lower Upper
96 100
61 121.6 85.6 159.0
98 64.0 45.6 84.8

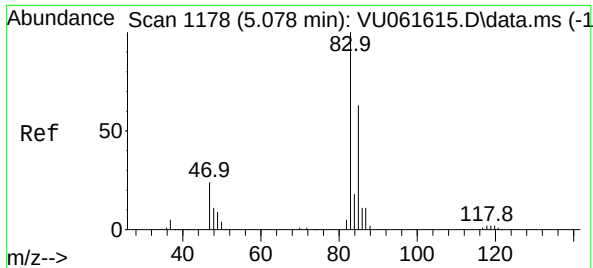


#23
Bromochloromethane
Concen: 22.004 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20



Tgt Ion:128 Resp: 147178
Ion Ratio Lower Upper
128 100
49 141.3 99.1 184.1
130 126.3 88.6 164.6
51 46.1 35.8 53.6





#25

Chloroform

Concen: 21.943 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

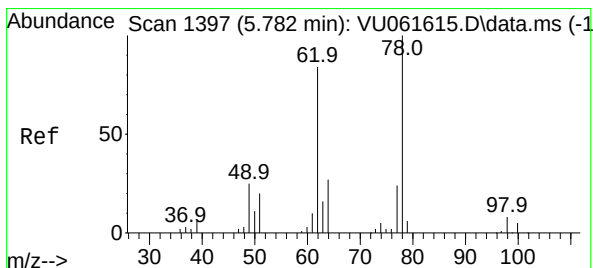
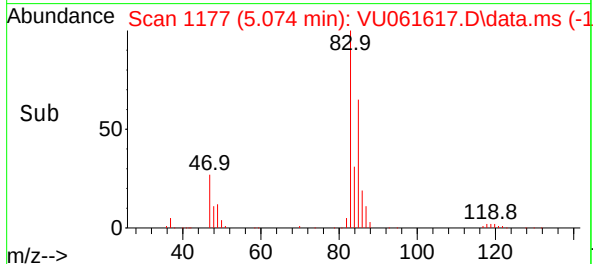
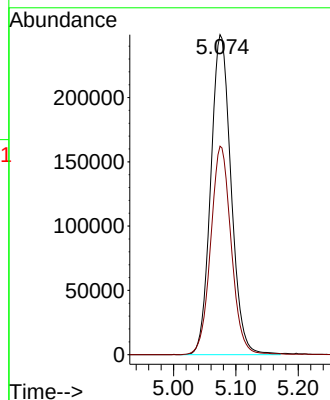
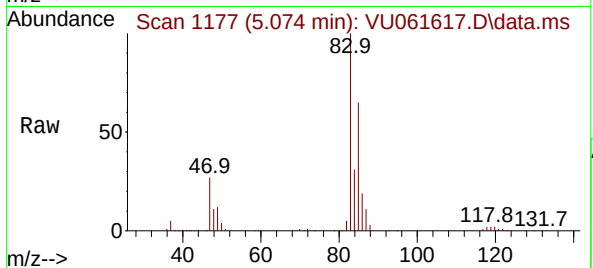
ClientSampleId :

Tgt Ion: 83 Resp: 563048

Ion Ratio Lower Upper

83 100

85 65.2 44.1 81.9



#27

1,2-Dichloroethane

Concen: 21.275 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU061617.D

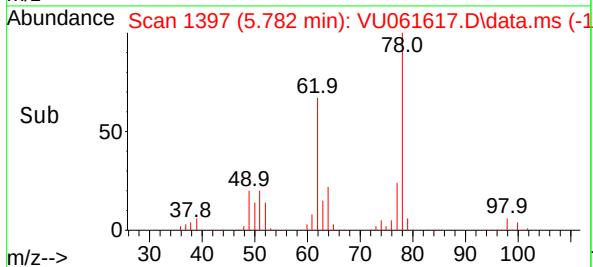
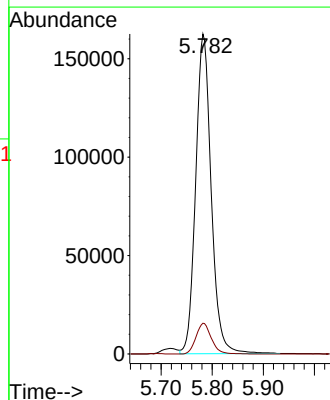
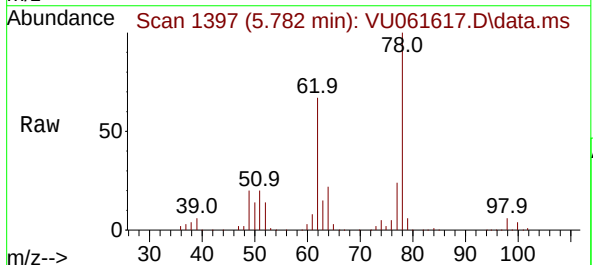
Acq: 13 Nov 2024 10:20

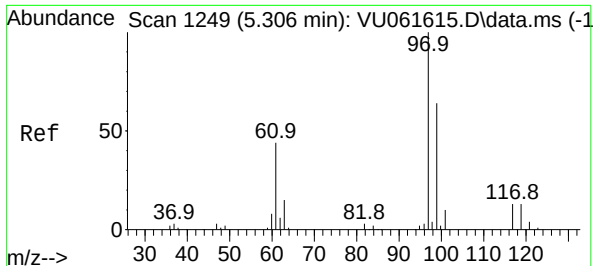
Tgt Ion: 62 Resp: 342569

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 22.089 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

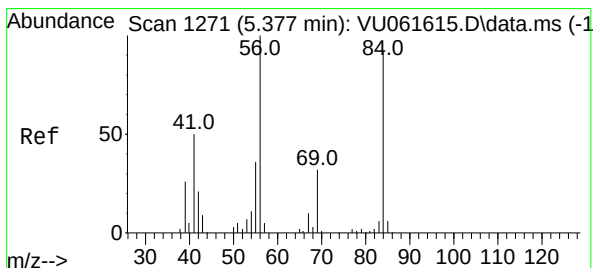
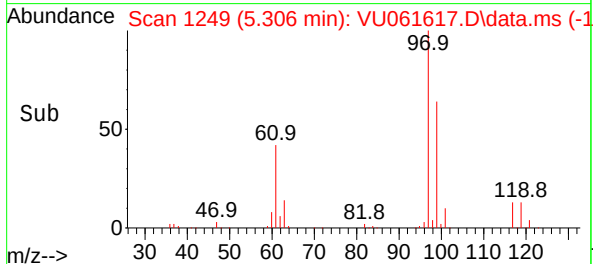
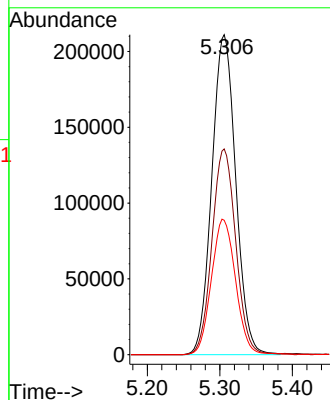
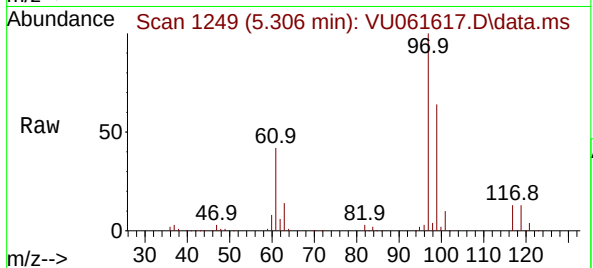
Tgt Ion: 97 Resp: 483952

Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 43.0 35.4 53.0



#30

Cyclohexane

Concen: 22.306 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

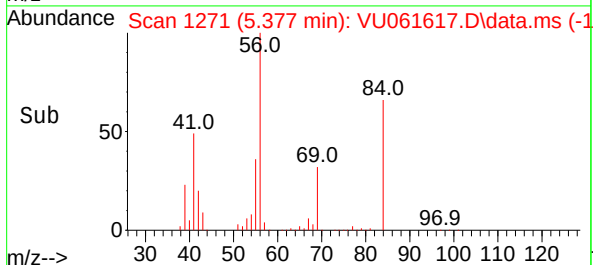
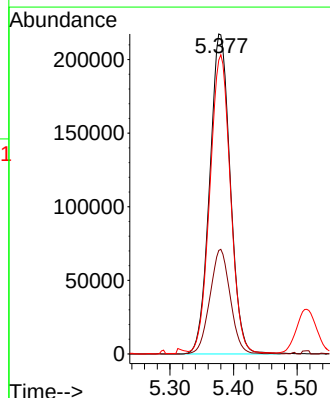
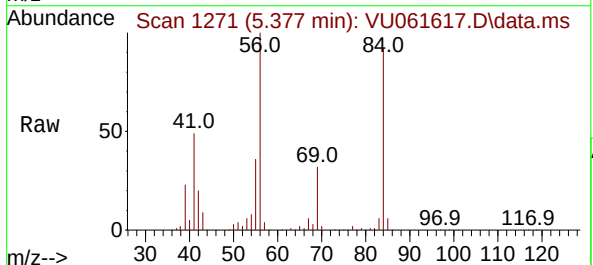
Tgt Ion: 56 Resp: 488177

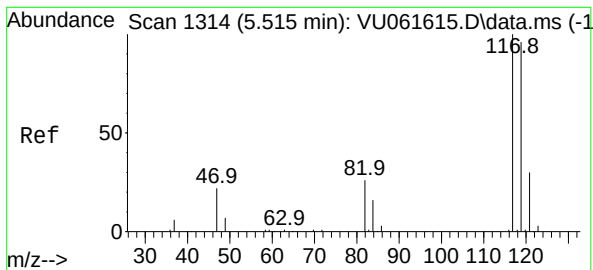
Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 92.7 74.3 111.5

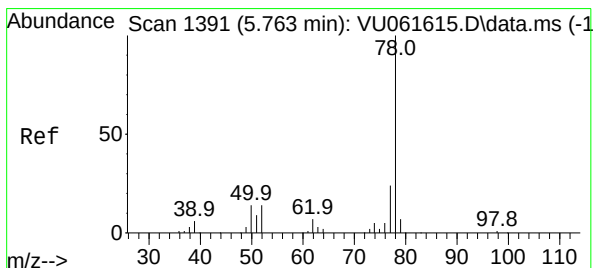
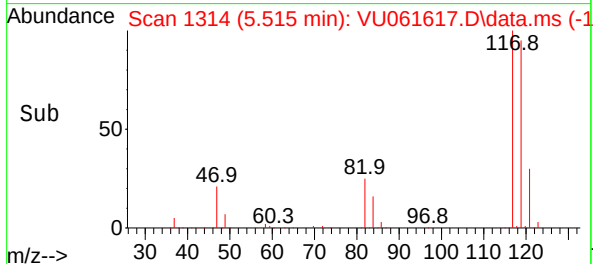
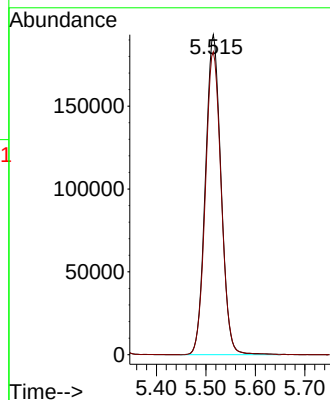
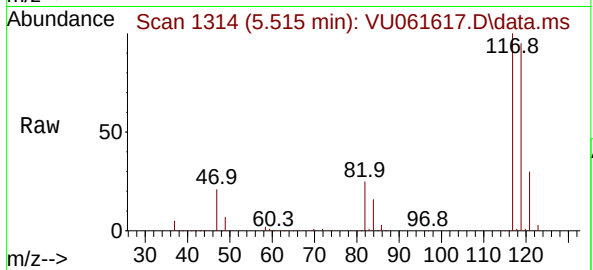




#31
Carbon tetrachloride
Concen: 22.640 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

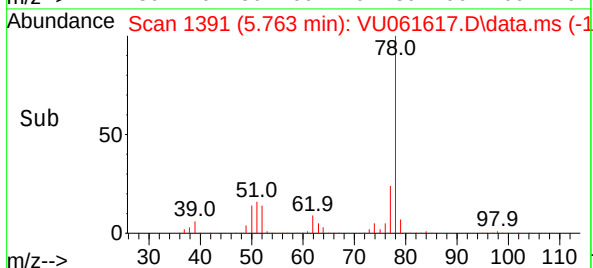
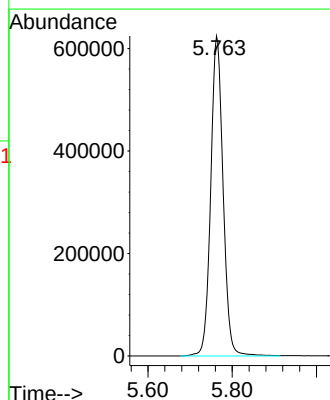
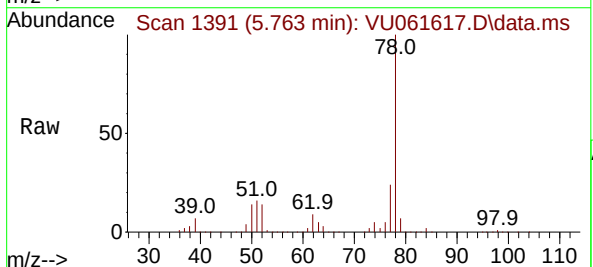
Instrument :
MSVOA_U
ClientSampleId :

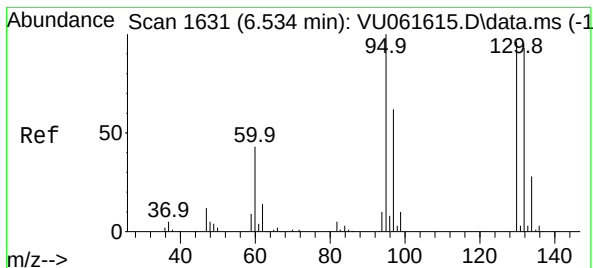
Tgt Ion:117 Resp: 422478
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#33
Benzene
Concen: 21.796 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion: 78 Resp: 1270049





#34

Trichloroethene

Concen: 21.896 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 344513

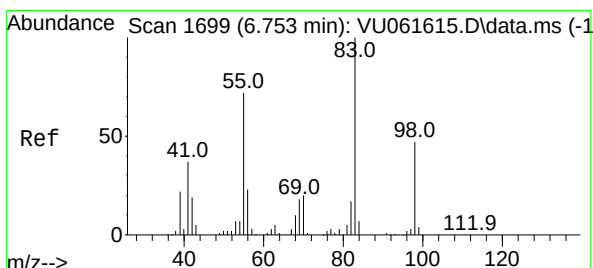
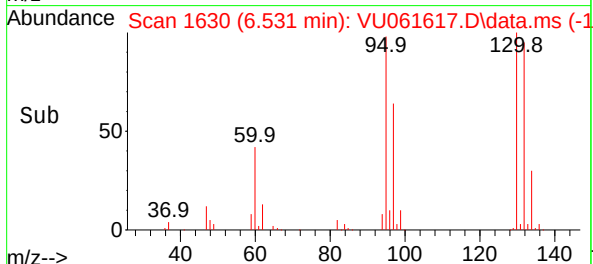
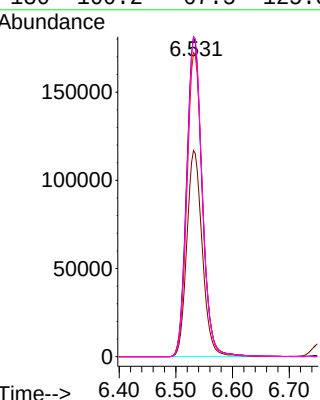
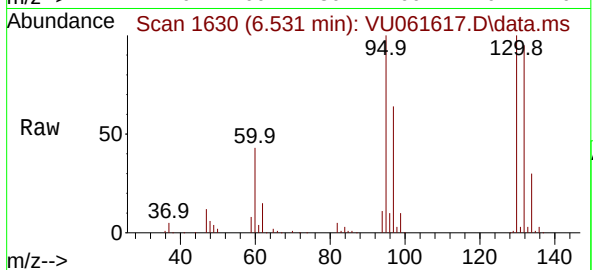
Ion Ratio Lower Upper

95 100

97 64.5 43.5 80.9

132 95.2 65.2 121.0

130 100.2 67.5 125.3



#35

Methylcyclohexane

Concen: 22.859 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

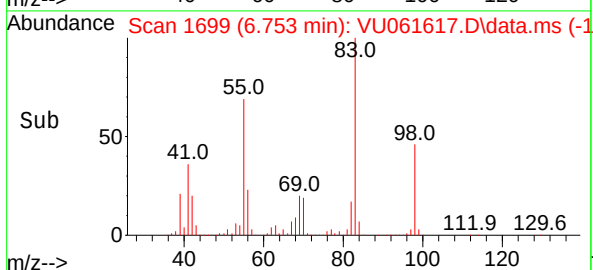
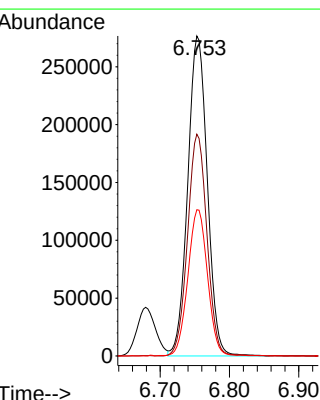
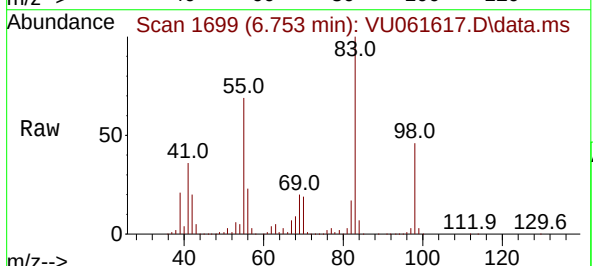
Tgt Ion: 83 Resp: 542405

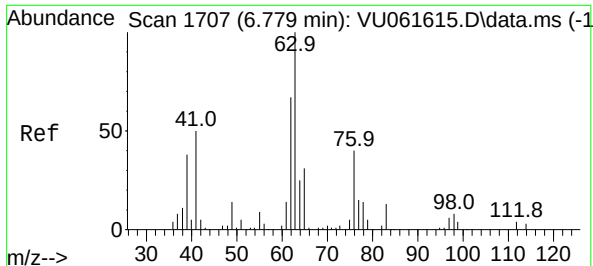
Ion Ratio Lower Upper

83 100

55 68.8 56.4 84.6

98 45.9 37.7 56.5

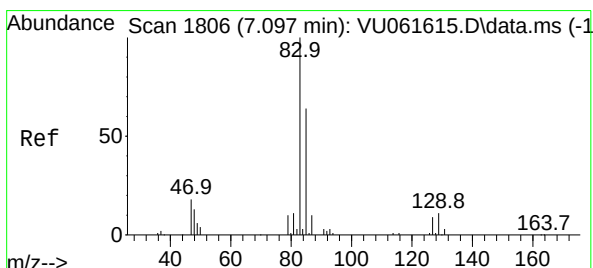
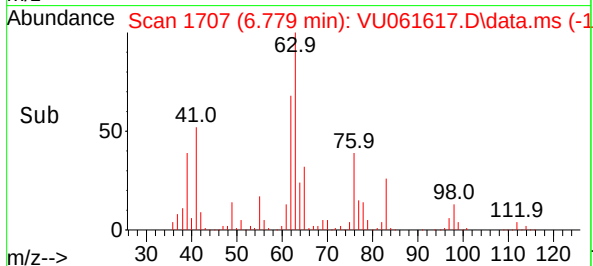
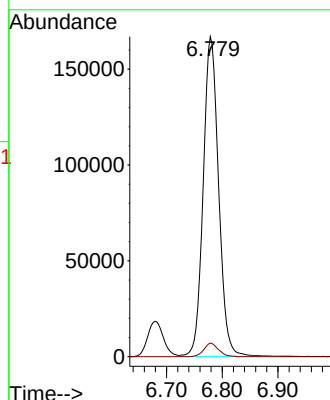
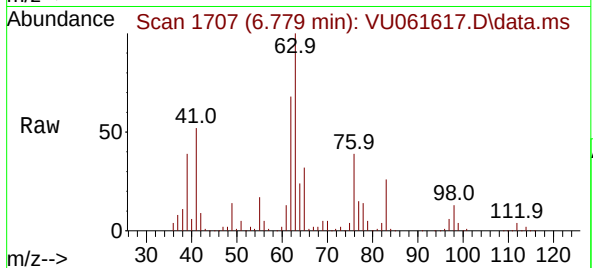




#37
1,2-Dichloropropane
Concen: 21.689 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

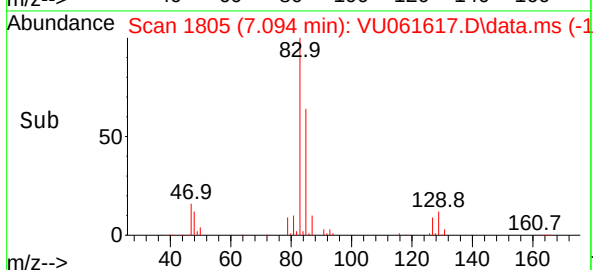
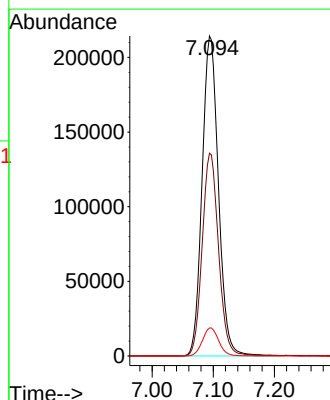
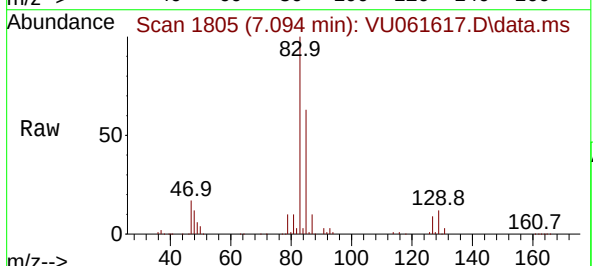
Instrument :
MSVOA_U
ClientSampleId :

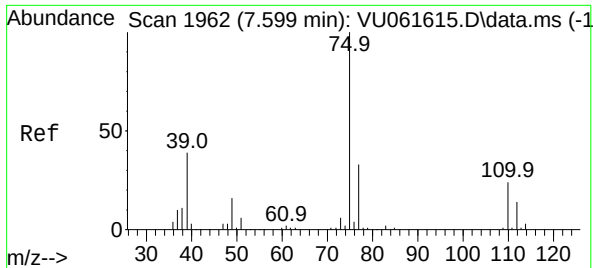
Tgt Ion: 63 Resp: 320631
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 22.418 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion: 83 Resp: 397636
Ion Ratio Lower Upper
83 100
85 63.4 45.0 83.6
127 8.7 6.9 10.3

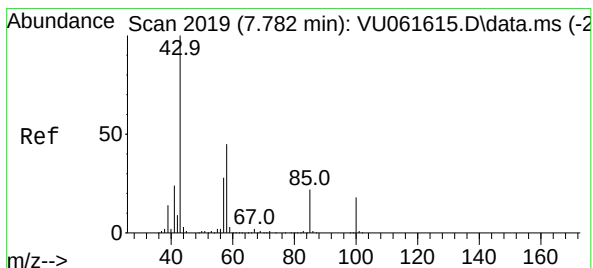
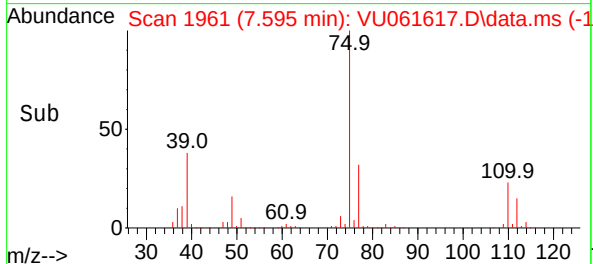
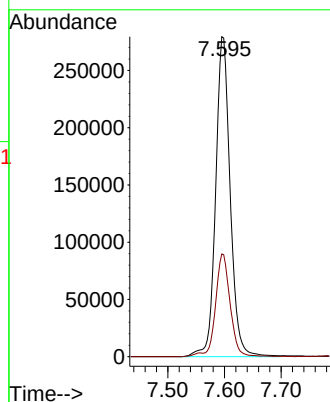
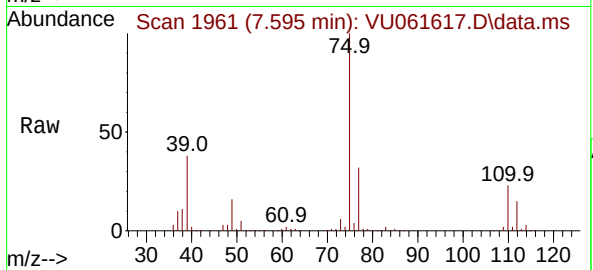




#39
 cis-1,3-Dichloropropene
 Concen: 23.721 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU061617.D
 Acq: 13 Nov 2024 10:20

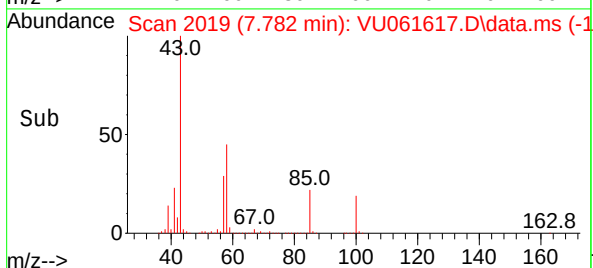
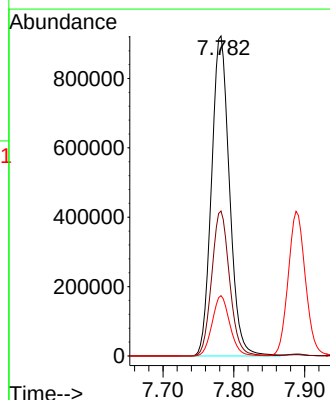
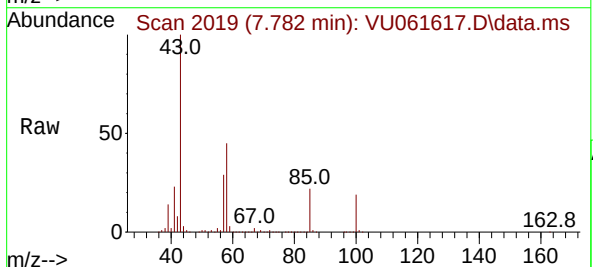
Instrument :
 MSVOA_U
 ClientSampleId :

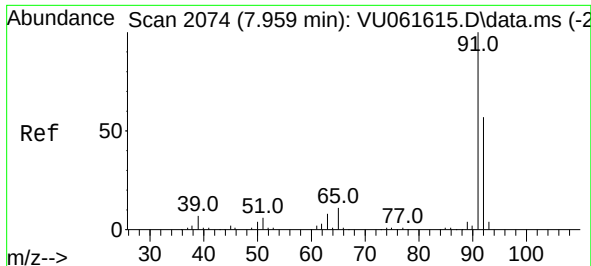
Tgt Ion: 75 Resp: 499079
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 229.224 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061617.D
 Acq: 13 Nov 2024 10:20

Tgt Ion: 43 Resp: 1624755
 Ion Ratio Lower Upper
 43 100
 58 45.2 35.7 53.5
 100 18.5 14.2 21.2





#42

Toluene

Concen: 22.298 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

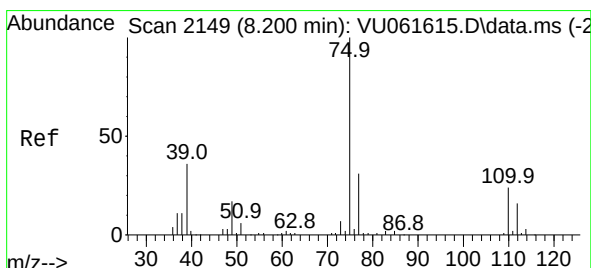
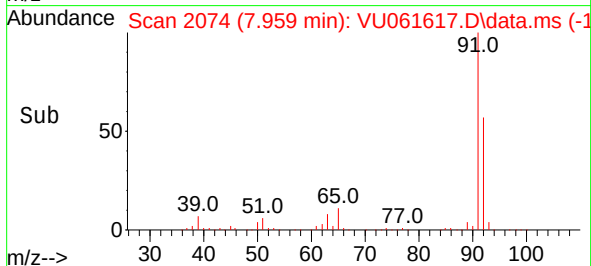
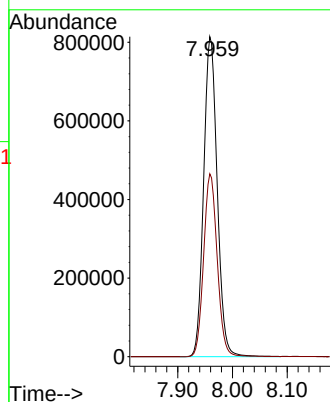
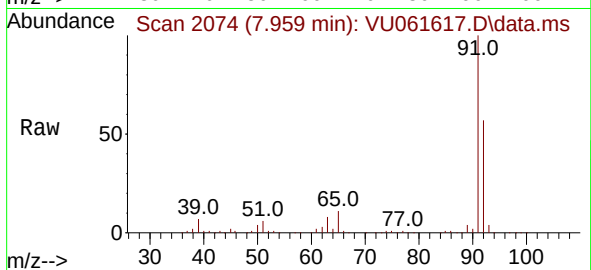
ClientSampleId :

Tgt Ion: 91 Resp: 1398970

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 24.174 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU061617.D

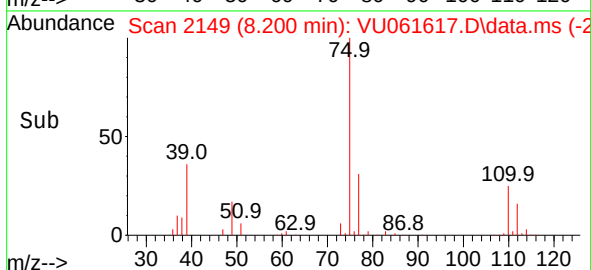
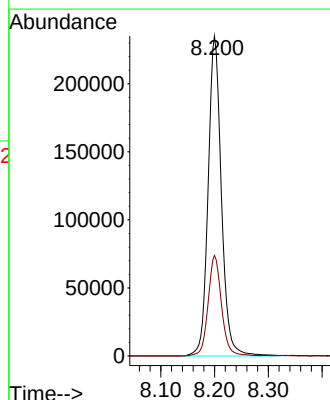
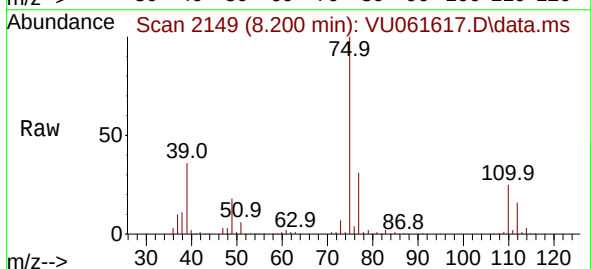
Acq: 13 Nov 2024 10:20

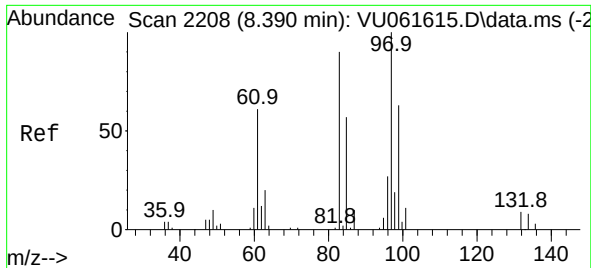
Tgt Ion: 75 Resp: 403420

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



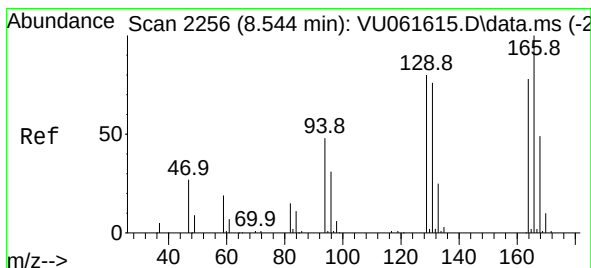
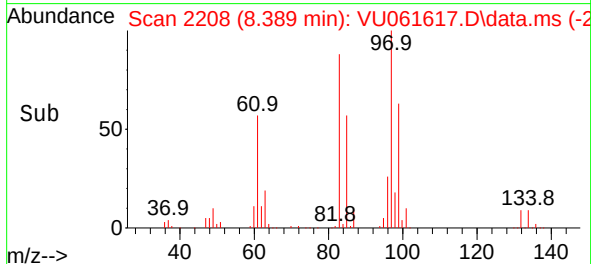
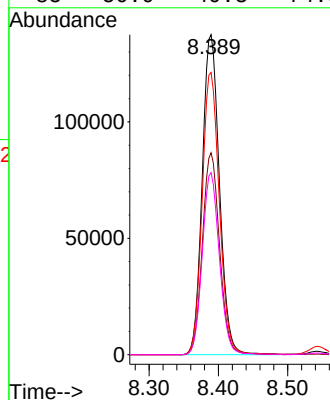
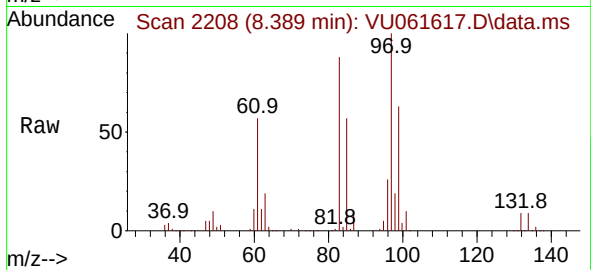


#45
1,1,2-Trichloroethane
Concen: 22.001 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 237105

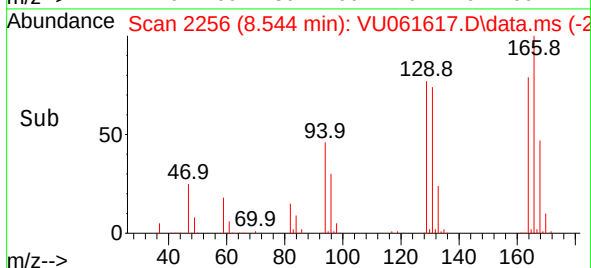
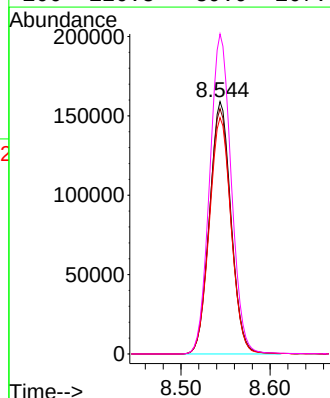
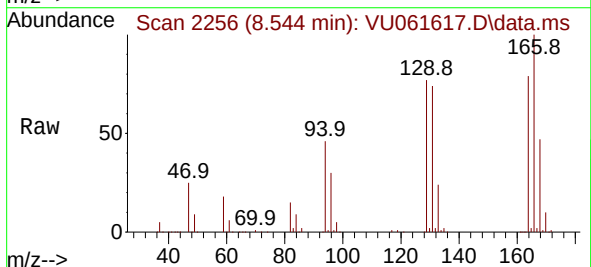
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.3
83	88.2	63.2	117.4
85	56.9	40.3	74.8

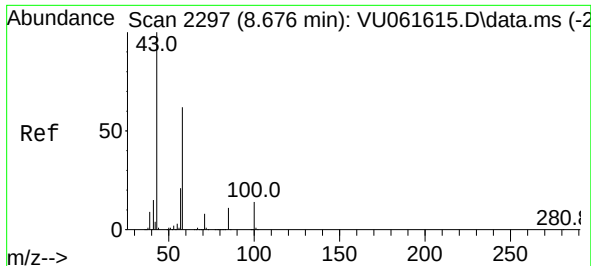


#47
Tetrachloroethene
Concen: 22.530 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion:164 Resp: 266369

Ion	Ratio	Lower	Upper
164	100		
129	97.2	71.7	133.3
131	93.7	68.2	126.6
166	126.8	89.9	167.0





#48

2-Hexanone

Concen: 231.964 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

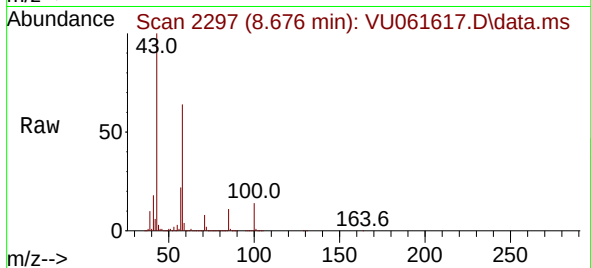
Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 1165827

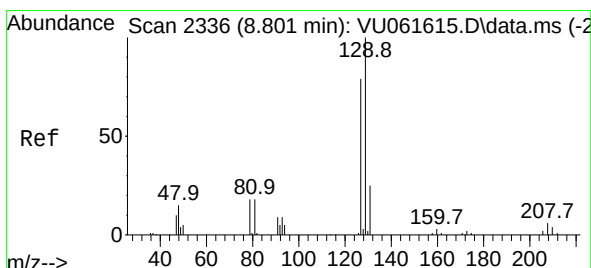
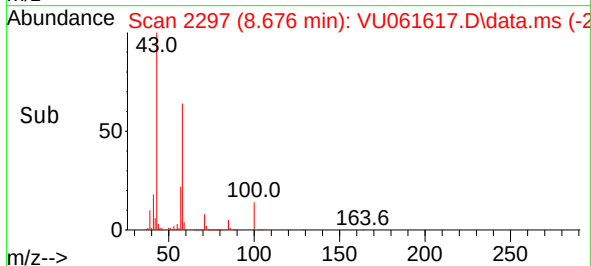
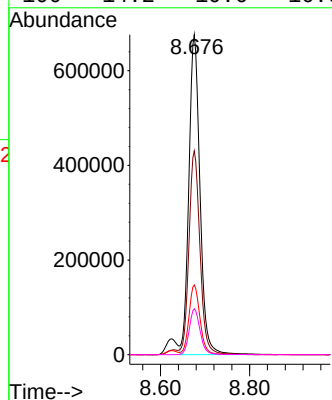
Ion Ratio Lower Upper

43 100

58 63.7 49.4 74.2

57 21.7 16.3 24.5

100 14.2 10.6 16.0



#49

Dibromochloromethane

Concen: 23.808 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061617.D

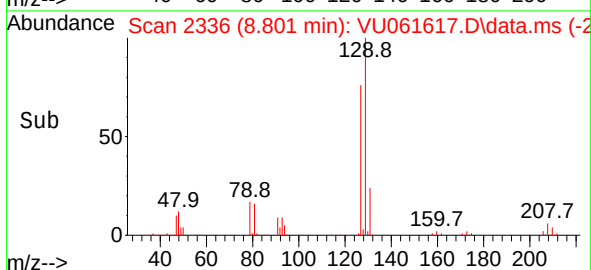
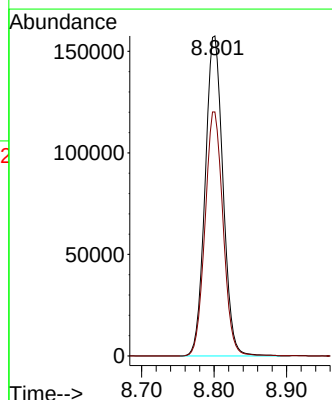
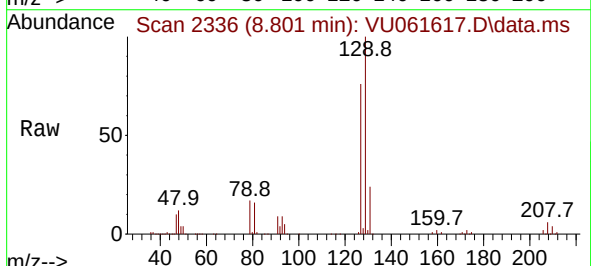
Acq: 13 Nov 2024 10:20

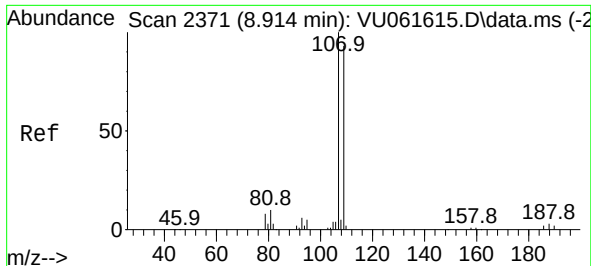
Tgt Ion:129 Resp: 269031

Ion Ratio Lower Upper

129 100

127 76.3 55.1 102.3

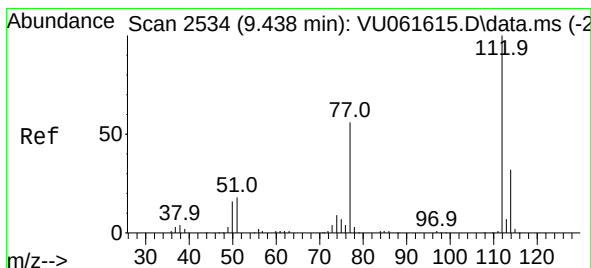
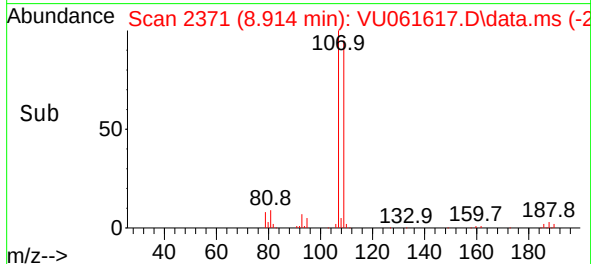
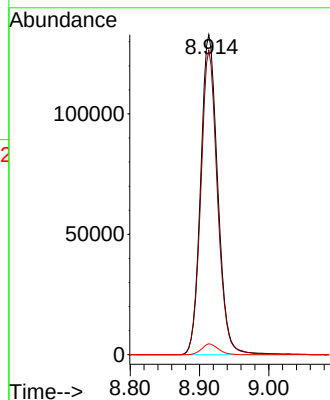
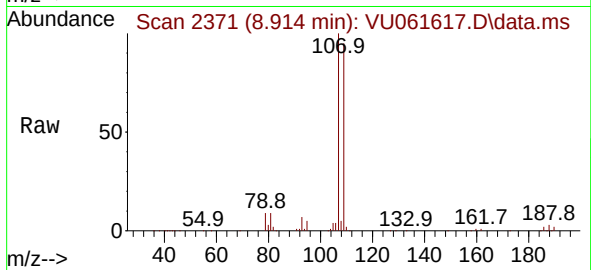




#50
1,2-Dibromoethane
Concen: 22.371 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

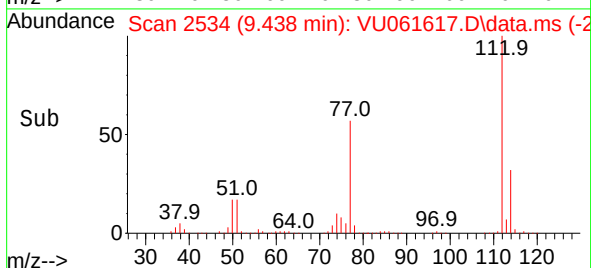
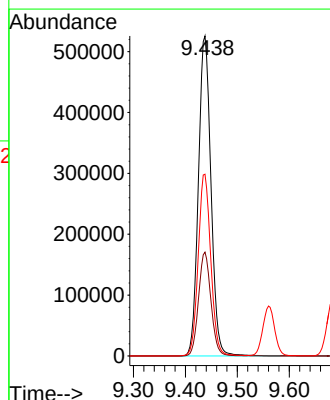
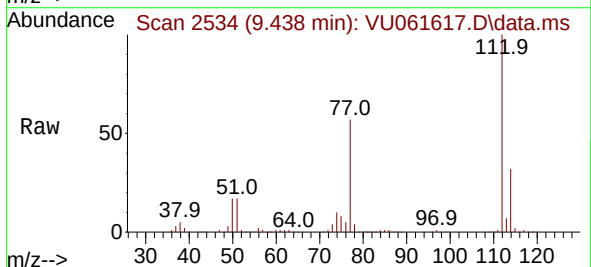
Instrument :
MSVOA_U
ClientSampleId :

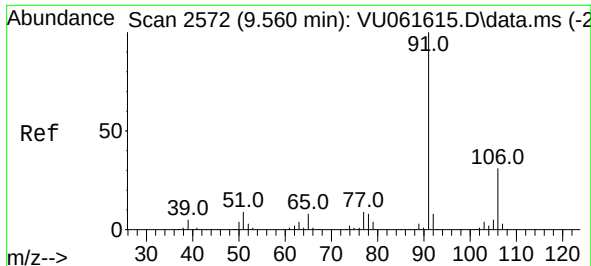
Tgt Ion:107 Resp: 227403
Ion Ratio Lower Upper
107 100
109 95.1 64.8 120.4
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 21.878 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion:112 Resp: 883524
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.9
77 56.8 45.3 67.9





#52

Ethylbenzene

Concen: 23.080 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

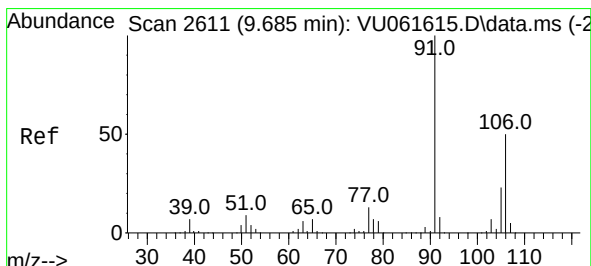
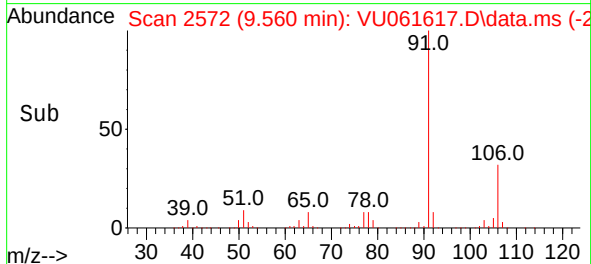
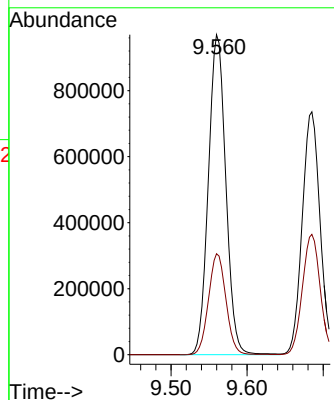
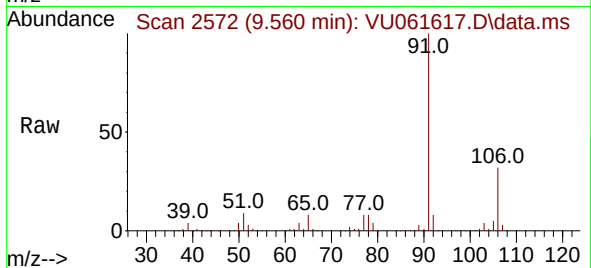
ClientSampleId :

Tgt Ion: 91 Resp: 1542459

Ion Ratio Lower Upper

91 100

106 31.6 21.7 40.3



#53

m,p-Xylene

Concen: 23.396 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061617.D

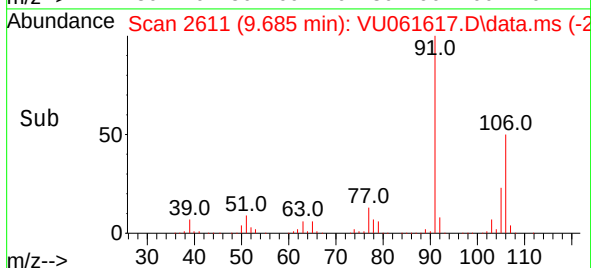
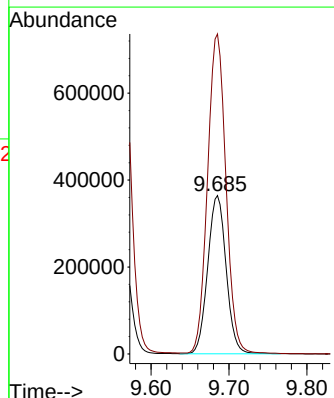
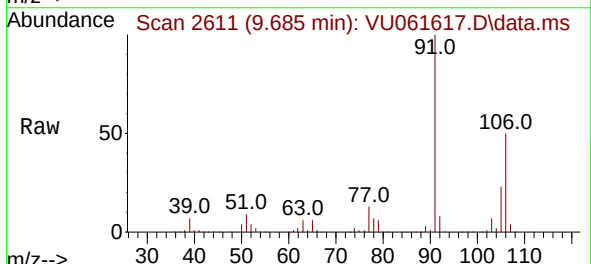
Acq: 13 Nov 2024 10:20

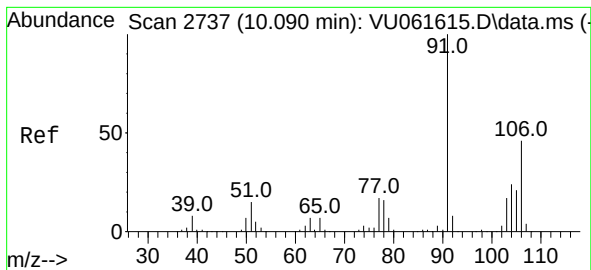
Tgt Ion:106 Resp: 598268

Ion Ratio Lower Upper

106 100

91 202.0 140.4 260.8





#54

o-Xylene

Concen: 23.656 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

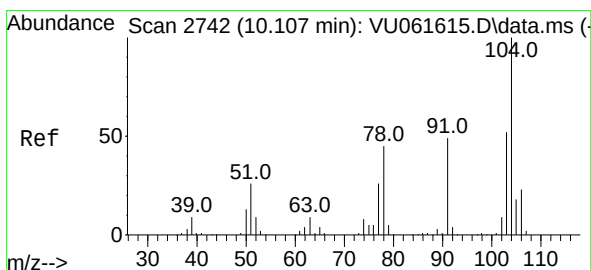
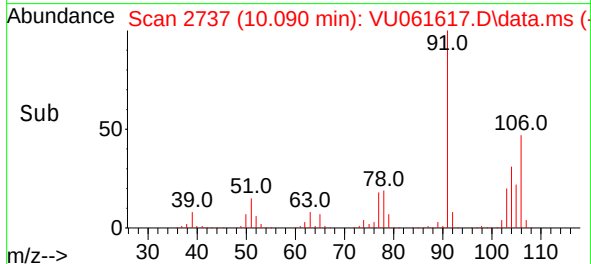
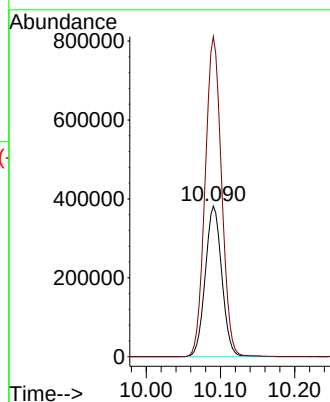
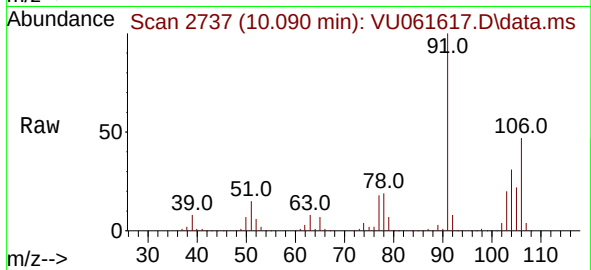
ClientSampleId :

Tgt Ion:106 Resp: 587964

Ion Ratio Lower Upper

106 100

91 212.6 151.3 280.9



#55

Styrene

Concen: 24.731 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU061617.D

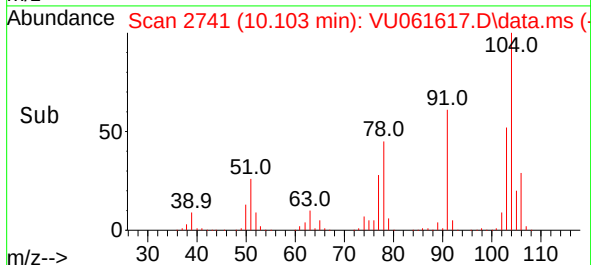
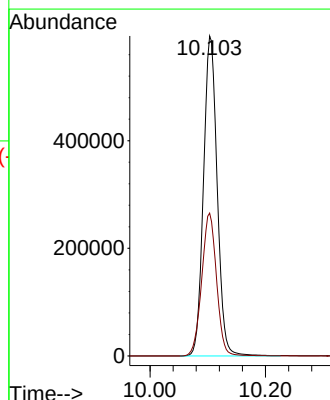
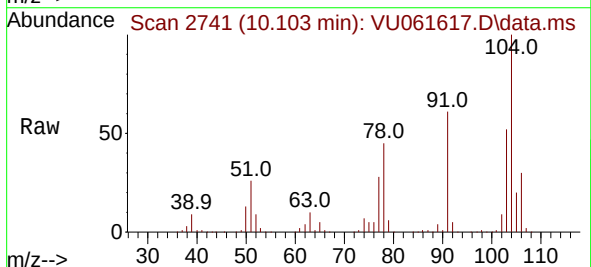
Acq: 13 Nov 2024 10:20

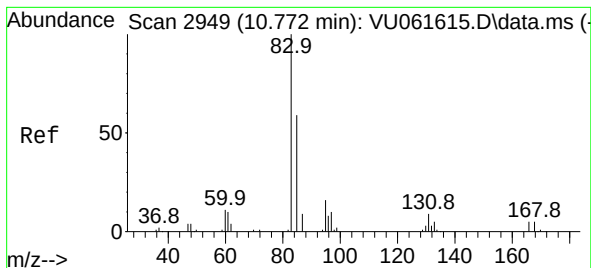
Tgt Ion:104 Resp: 978662

Ion Ratio Lower Upper

104 100

78 44.7 31.6 58.6

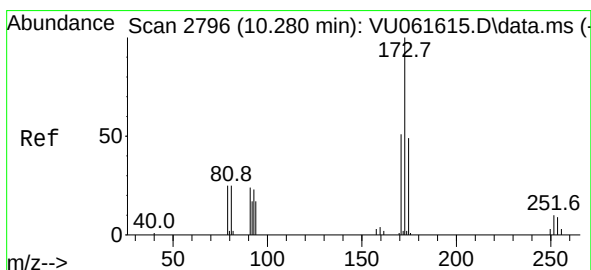
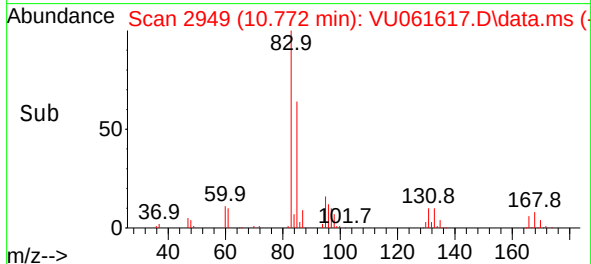
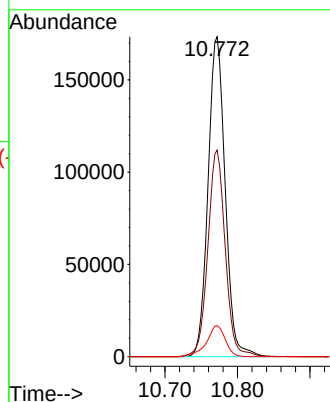
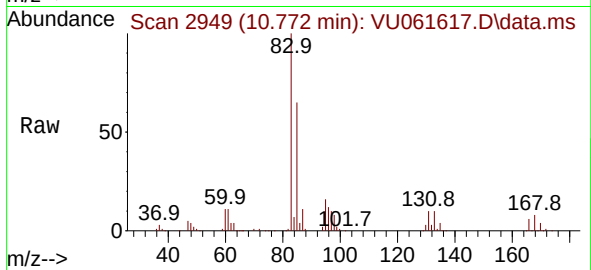




#57
1,1,2,2-Tetrachloroethane
Concen: 21.699 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

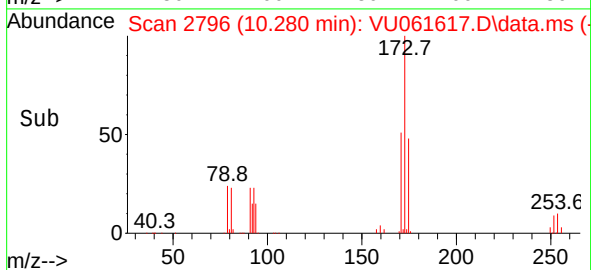
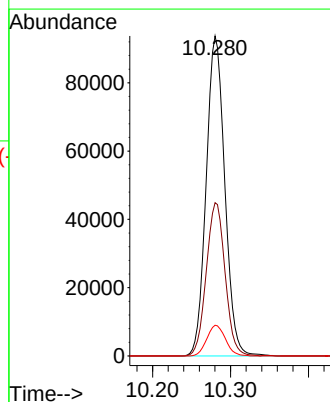
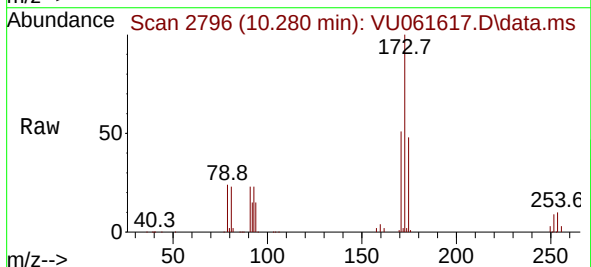
Instrument :
MSVOA_U
ClientSampleId :

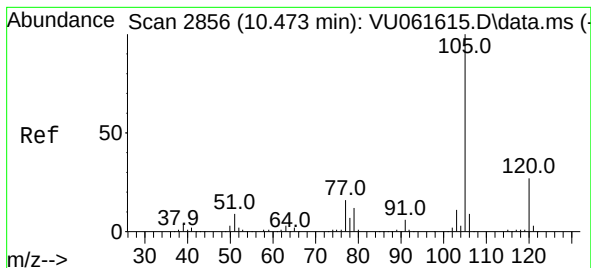
Tgt Ion: 83 Resp: 284566
Ion Ratio Lower Upper
83 100
85 64.5 41.9 77.9
131 9.7 7.8 11.6



#59
Bromoform
Concen: 23.064 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion:173 Resp: 155236
Ion Ratio Lower Upper
173 100
175 48.4 39.3 58.9
254 9.6 7.8 11.8





#60

Isopropylbenzene

Concen: 22.181 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

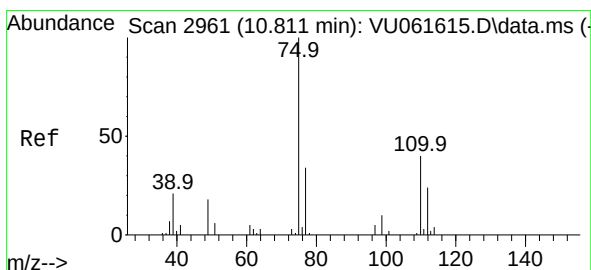
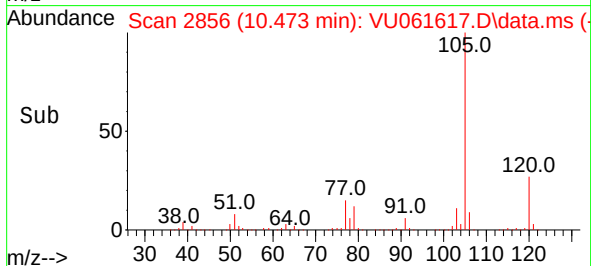
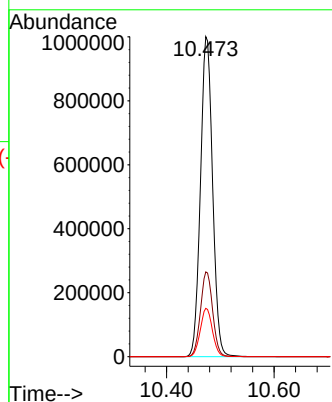
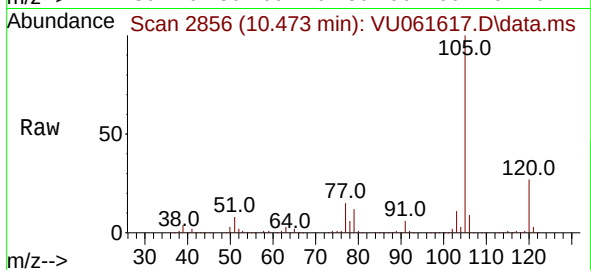
Tgt Ion:105 Resp: 1564184

Ion Ratio Lower Upper

105 100

120 26.6 21.6 32.4

77 15.2 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 20.143 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

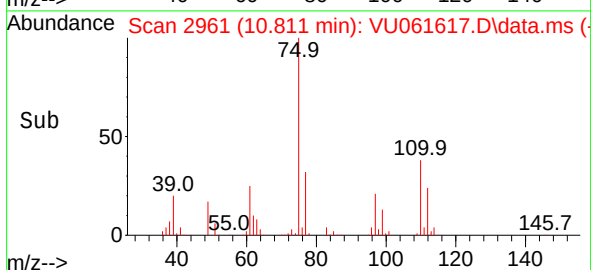
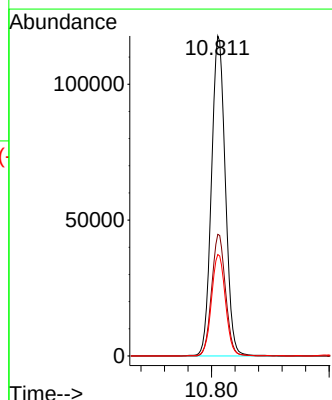
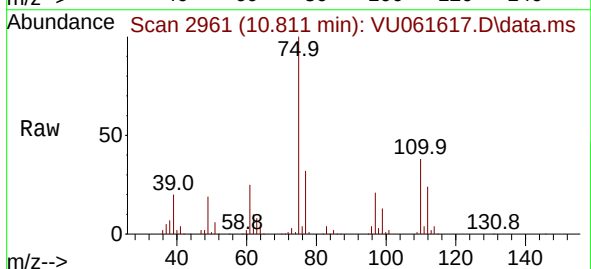
Tgt Ion: 75 Resp: 192950

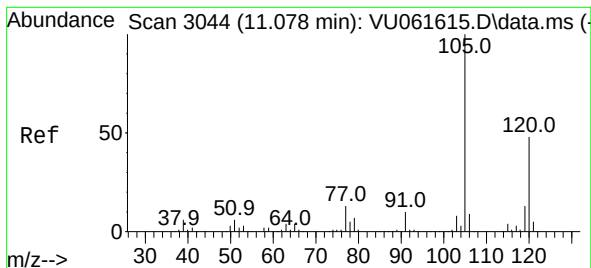
Ion Ratio Lower Upper

75 100

110 37.9 31.3 46.9

77 32.0 26.0 39.0

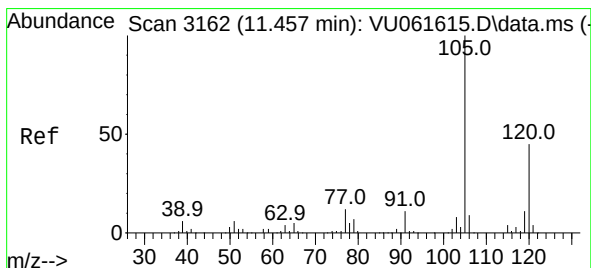
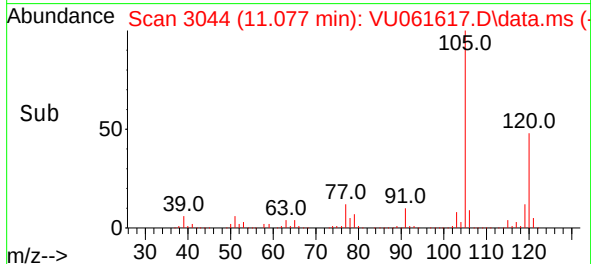
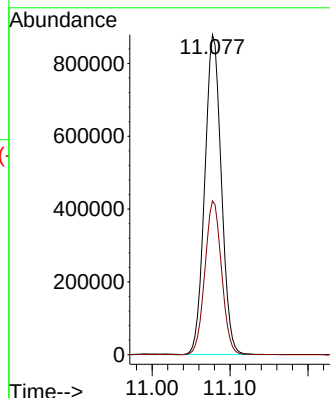
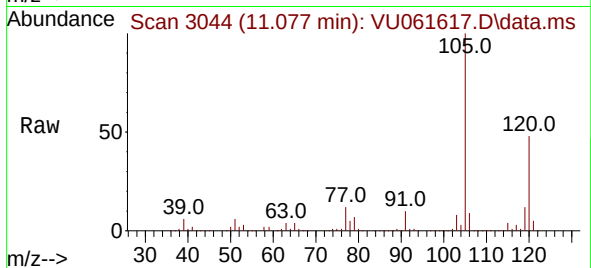




#62
1,3,5-Trimethylbenzene
Concen: 22.955 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

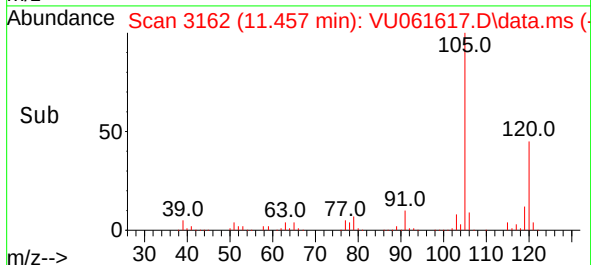
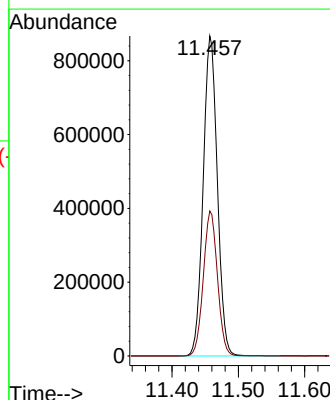
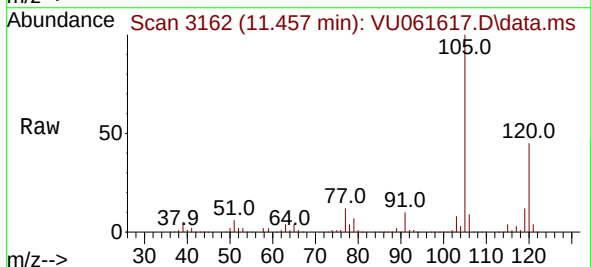
Instrument :
MSVOA_U
ClientSampleId :

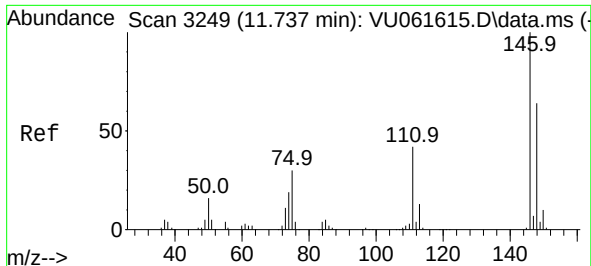
Tgt Ion:105 Resp: 1296150
Ion Ratio Lower Upper
105 100
120 48.4 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 23.443 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion:105 Resp: 1288452
Ion Ratio Lower Upper
105 100
120 45.2 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 22.048 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

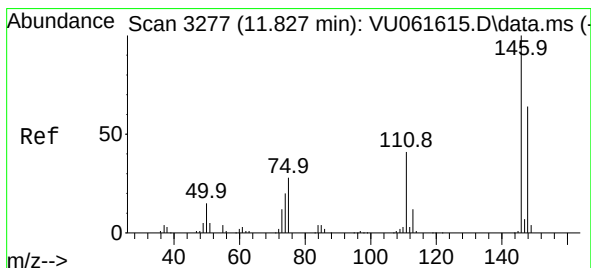
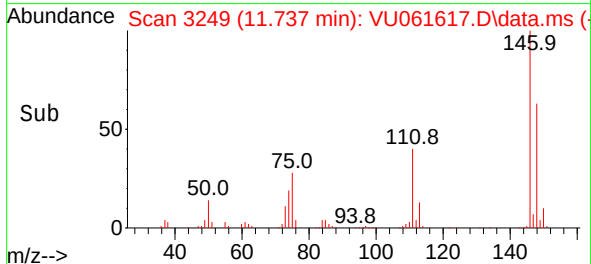
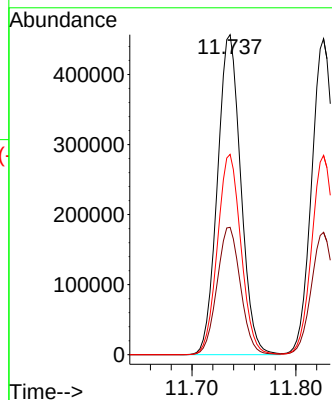
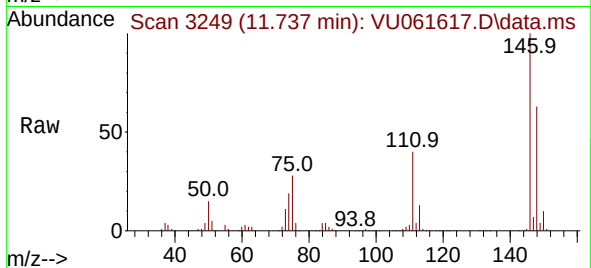
Tgt Ion:146 Resp: 713042

Ion Ratio Lower Upper

146 100

111 39.8 29.3 54.3

148 62.6 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 21.483 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

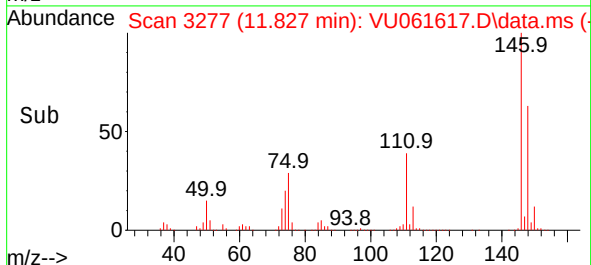
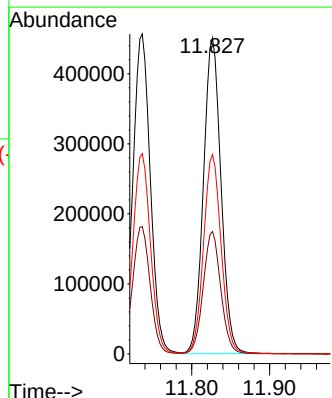
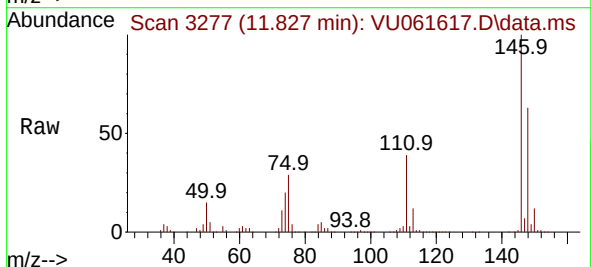
Tgt Ion:146 Resp: 705480

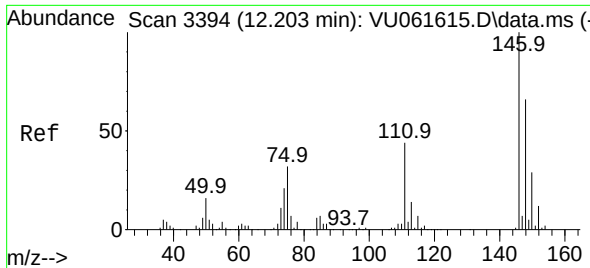
Ion Ratio Lower Upper

146 100

111 38.7 28.8 53.4

148 63.1 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 21.900 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

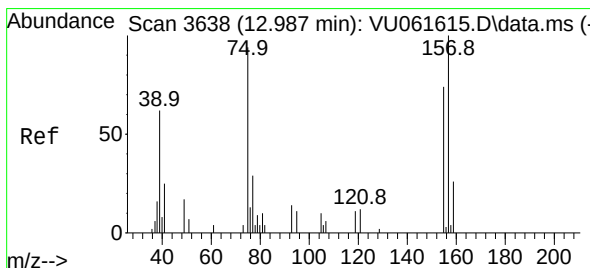
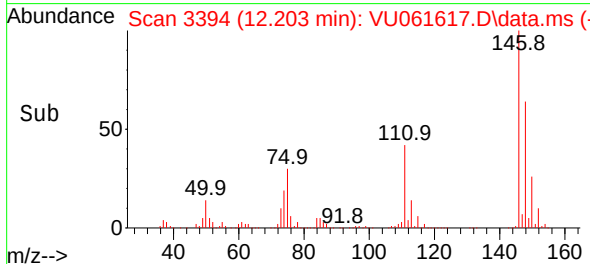
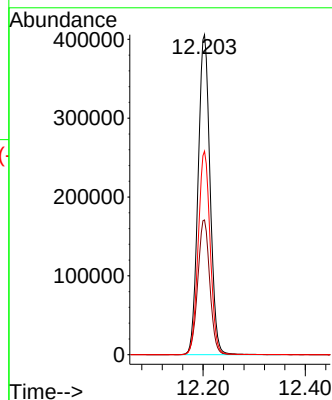
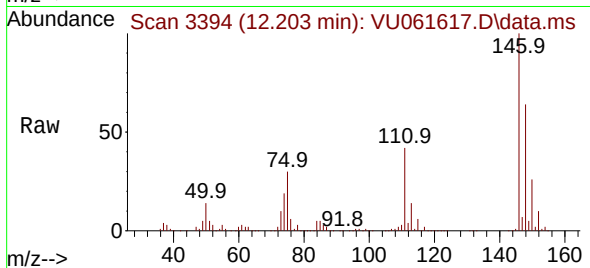
Tgt Ion:146 Resp: 658666

Ion Ratio Lower Upper

146 100

111 42.1 35.2 52.8

148 63.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.531 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

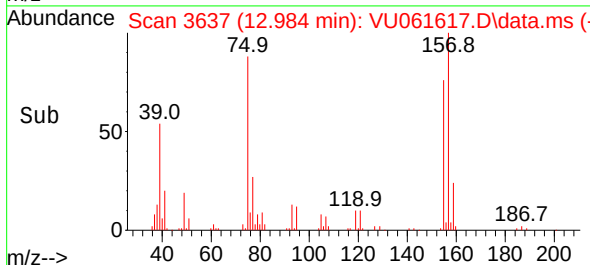
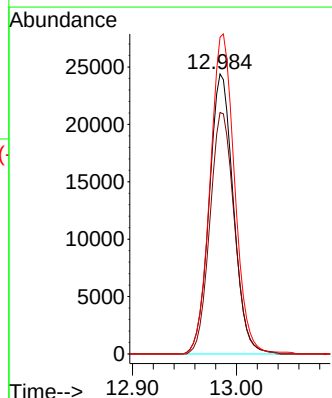
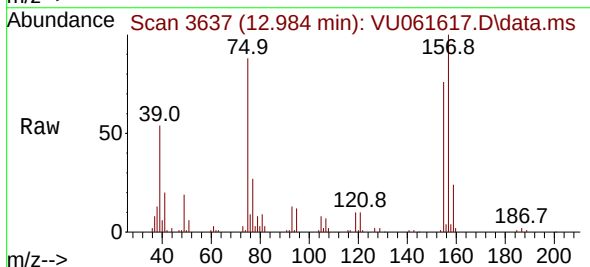
Tgt Ion: 75 Resp: 39360

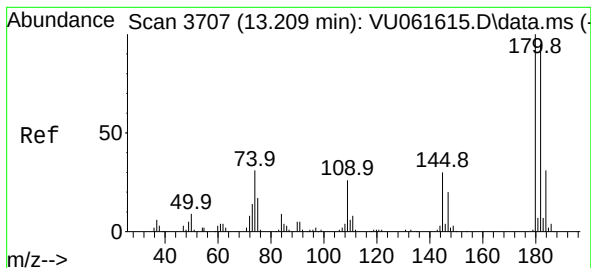
Ion Ratio Lower Upper

75 100

155 86.2 62.6 93.8

157 113.1 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 23.081 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.000 min

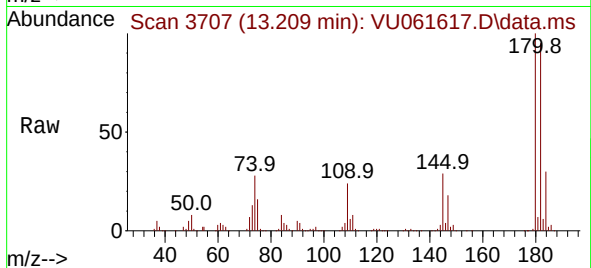
Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 521182

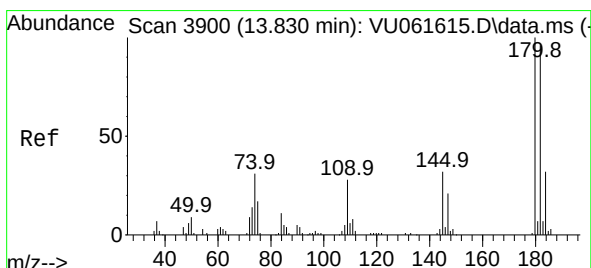
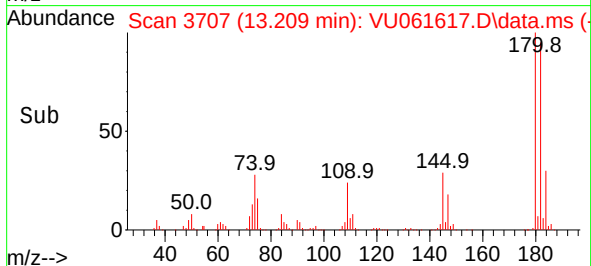
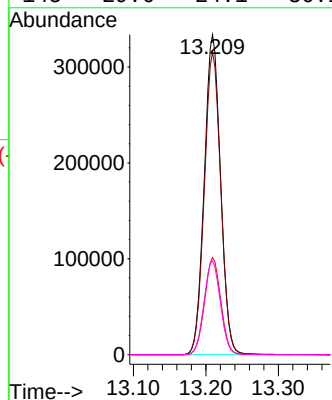
Ion Ratio Lower Upper

180 100

182 95.2 77.1 115.7

184 30.3 24.7 37.1

145 29.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 24.937 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU061617.D

Acq: 13 Nov 2024 10:20

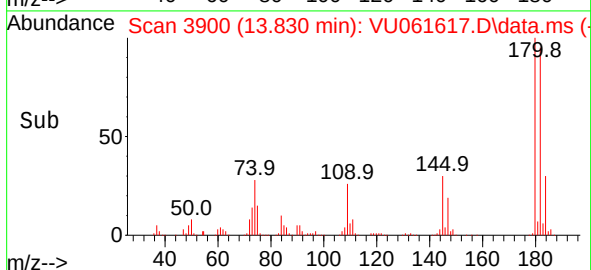
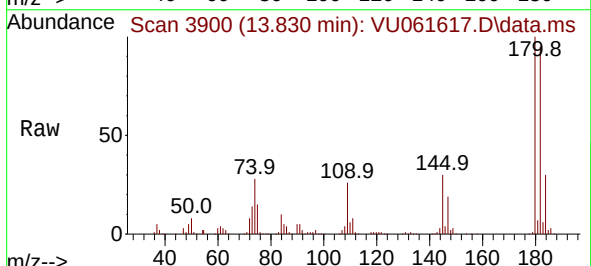
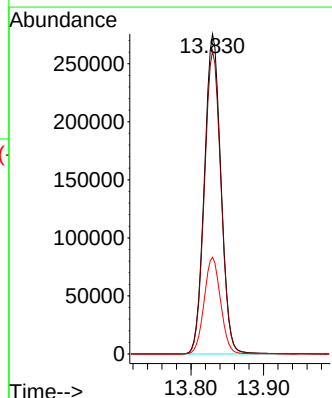
Tgt Ion:180 Resp: 436398

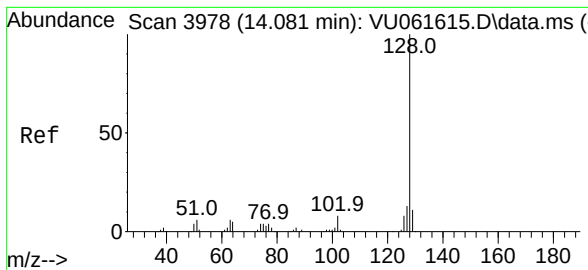
Ion Ratio Lower Upper

180 100

182 95.4 77.4 116.0

145 30.1 24.5 36.7

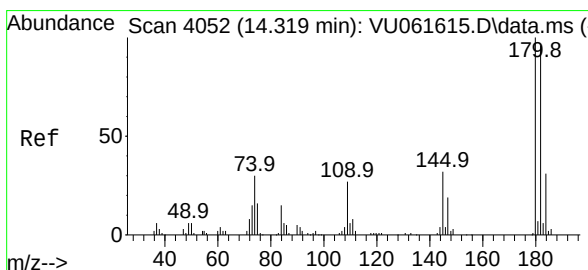
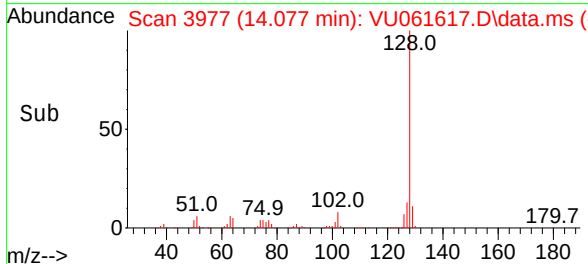
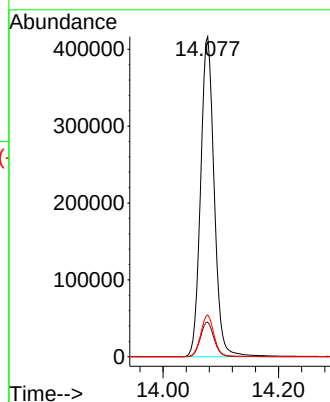
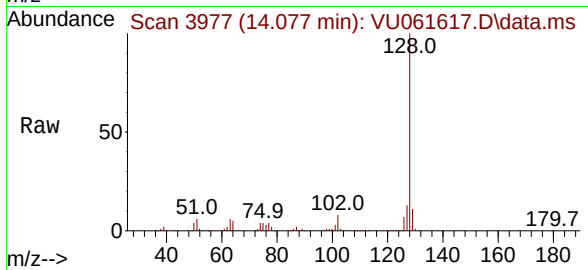




#71
Naphthalene
Concen: 27.878 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 678758
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 24.867 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.000 min
Lab File: VU061617.D
Acq: 13 Nov 2024 10:20

Tgt Ion:180 Resp: 365307
Ion Ratio Lower Upper
180 100
182 95.0 76.6 114.8
145 31.8 26.3 39.5

