

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061614.D
 Acq On : 13 Nov 2024 09:07
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 00:04:32 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	180681	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	10683	0.915	ug/L	0.00
7) Chloroethane-d5	1.911	69	9318	0.935	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	4933	0.942	ug/L	0.00
20) 2-Butanone-d5	4.647	46	21721	8.919	ug/L	0.02
24) Chloroform-d	5.055	84	20987	0.904	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	10496	0.943	ug/L	0.00
32) Benzene-d6	5.721	84	43087	0.920	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	12988	0.941	ug/L	0.00
41) Toluene-d8	7.894	98	38404	0.880	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	4092	0.805	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	16420	8.212	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	9957	0.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	12582	0.914	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	13270	0.988	ug/L	97
3) Chloromethane	1.518	50	11714	0.962	ug/L	99
5) Vinyl chloride	1.602	62	12516	0.931	ug/L	100
6) Bromomethane	1.856	94	7479	0.932	ug/L	95
8) Chloroethane	1.930	64	8833	0.947	ug/L	97
9) Trichlorofluoromethane	2.136	101	18952	0.959	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	11055	0.946	ug/L	96
12) 1,1-Dichloroethene	2.576	96	10009	0.918	ug/L	92
13) Acetone	2.653	43	14776	9.465	ug/L	98
14) Carbon disulfide	2.788	76	31345	0.895	ug/L	100
15) Methyl Acetate	2.962	43	3510	0.900	ug/L #	81
16) Methylene chloride	3.043	84	12048	0.958	ug/L	94
17) Methyl tert-butyl Ether	3.358	73	24415	0.913	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	11310	0.945	ug/L	88
19) 1,1-Dichloroethane	3.862	63	20484	0.939	ug/L	99
21) 2-Butanone	4.727	43	20746	8.439	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	12419	0.920	ug/L	100
23) Bromochloromethane	4.968	128	5404	0.902	ug/L	94
25) Chloroform	5.081	83	21860	0.951	ug/L	97
27) 1,2-Dichloroethane	5.792	62	14315	0.992	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	18251	0.948	ug/L	97
30) Cyclohexane	5.380	56	17558	0.913	ug/L	98
31) Carbon tetrachloride	5.515	117	14852	0.906	ug/L	98
33) Benzene	5.766	78	47669	0.931	ug/L	100
34) Trichloroethene	6.538	95	12983	0.939	ug/L	98
35) Methylcyclohexane	6.753	83	18609	0.892	ug/L	99
37) 1,2-Dichloropropane	6.785	63	12346	0.950	ug/L #	91
38) Bromodichloromethane	7.097	83	13990	0.897	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	15671	0.847	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	56285	9.035	ug/L	99
42) Toluene	7.965	91	49795	0.903	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	12222	0.833	ug/L	97

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

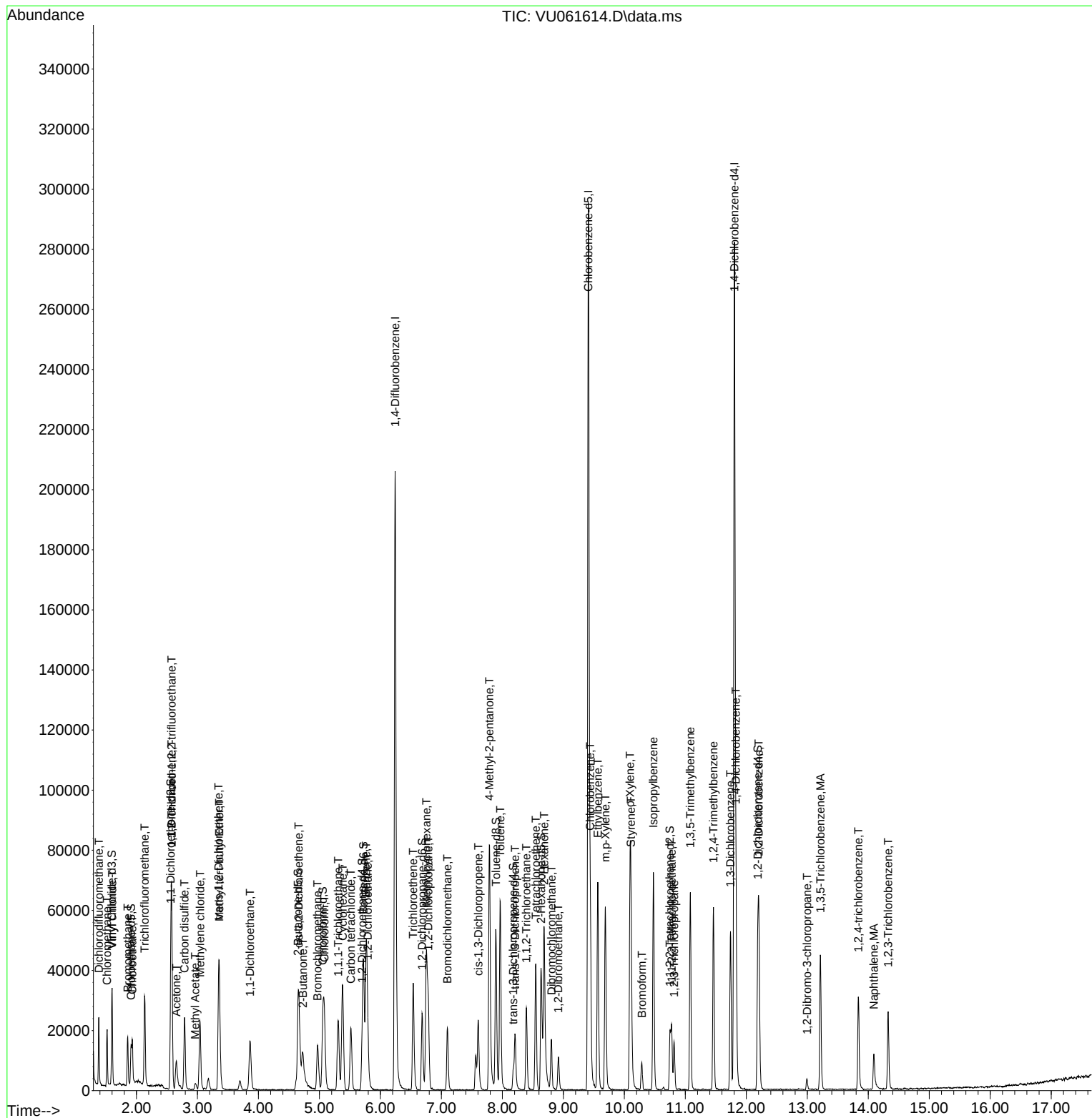
45) 1,1,2-Trichloroethane	8.393	97	8882	0.938	ug/L	95
47) Tetrachloroethene	8.547	164	9222	0.887	ug/L	96
48) 2-Hexanone	8.685	43	37679	8.530	ug/L	97
49) Dibromochloromethane	8.804	129	8555	0.861	ug/L	99
50) 1,2-Dibromoethane	8.917	107	7864	0.880	ug/L	92
51) Chlorobenzene	9.441	112	32590	0.918	ug/L	96
52) Ethylbenzene	9.563	91	51987	0.885	ug/L	96
53) m,p-Xylene	9.689	106	18998	0.845	ug/L	99
54) o-Xylene	10.094	106	18843	0.863	ug/L	96
55) Styrene	10.110	104	27749	0.798	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	10501	0.911	ug/L	99
59) Bromoform	10.287	173	4368	0.854	ug/L #	97
60) Isopropylbenzene	10.476	105	48090	0.898	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	7065	0.971	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	37517	0.875	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	35602	0.853	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	22284	0.907	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	23677	0.949	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	21555	0.943	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.994	75	1189	0.936	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	15608	0.910	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	10916	0.821	ug/L	97
71) Naphthalene	14.090	128	13311	0.720	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	9294	0.833	ug/L	98

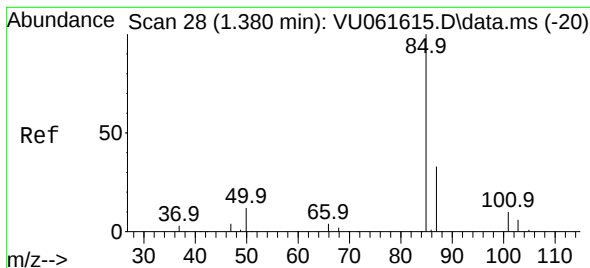
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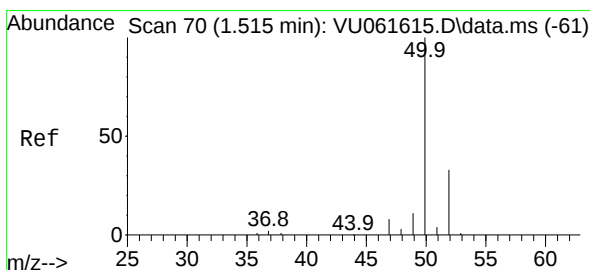
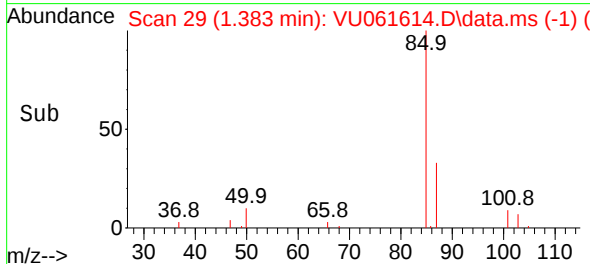
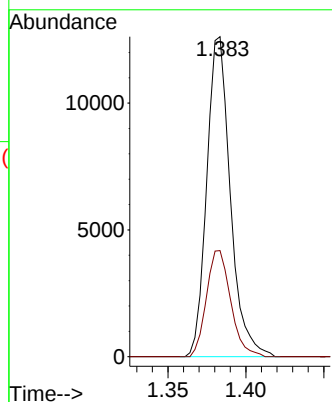
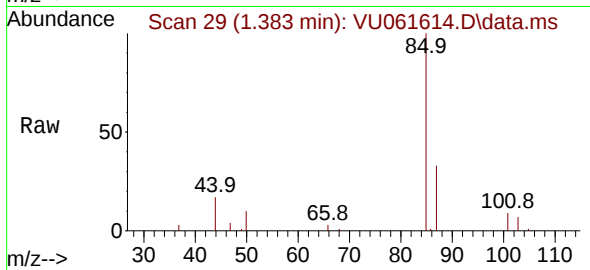




#2
Dichlorodifluoromethane
Concen: 0.988 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

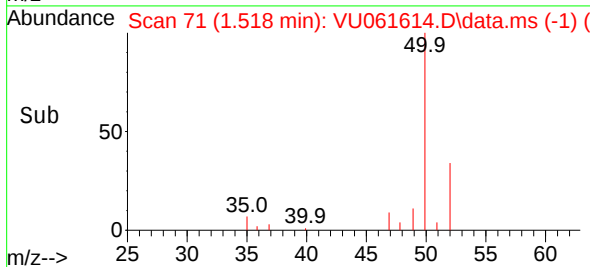
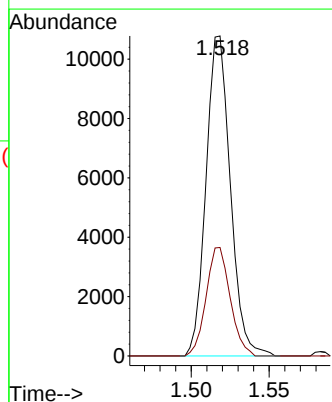
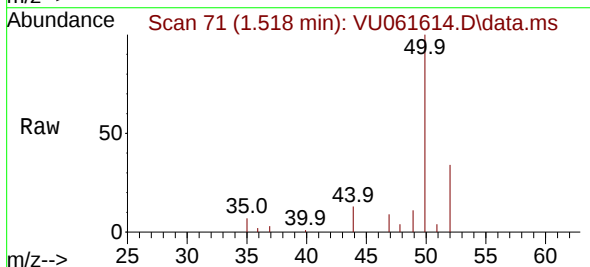
Instrument :
MSVOA_U
ClientSampleId :

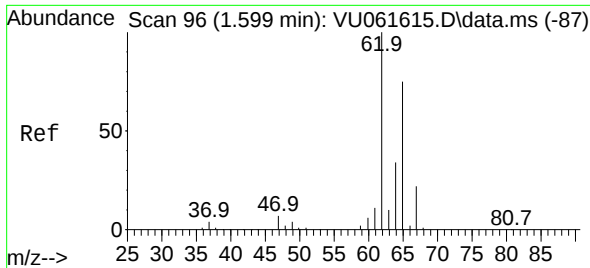
Tgt Ion: 85 Resp: 13270
Ion Ratio Lower Upper
85 100
87 34.1 26.0 39.0



#3
Chloromethane
Concen: 0.962 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion: 50 Resp: 11714
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2

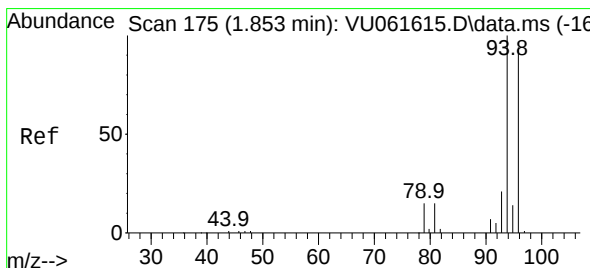
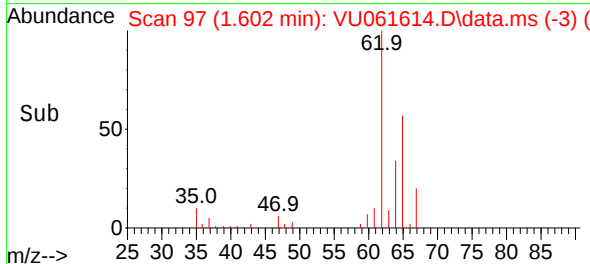
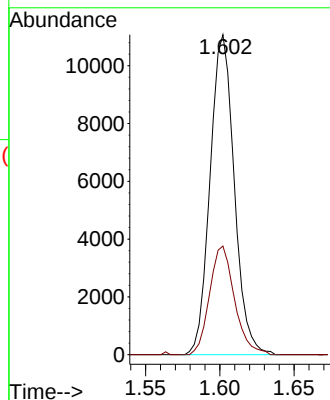
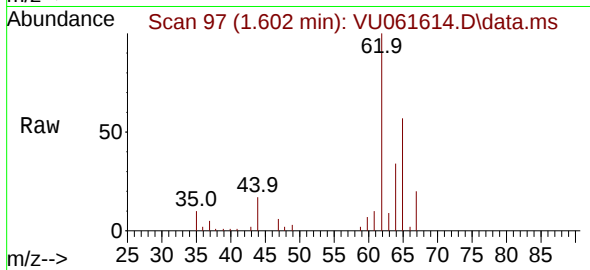




#5
Vinyl chloride
Concen: 0.931 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

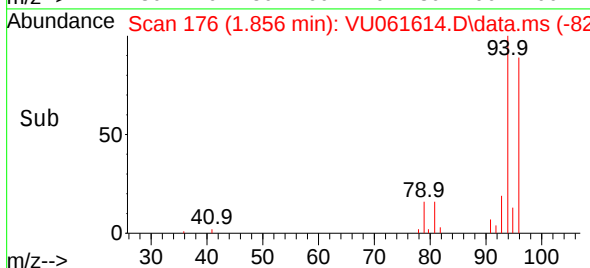
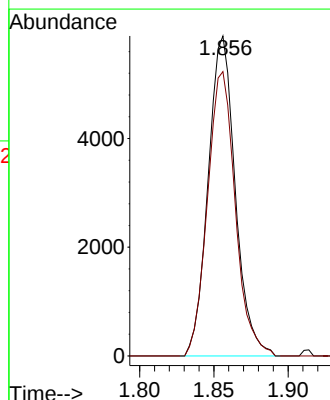
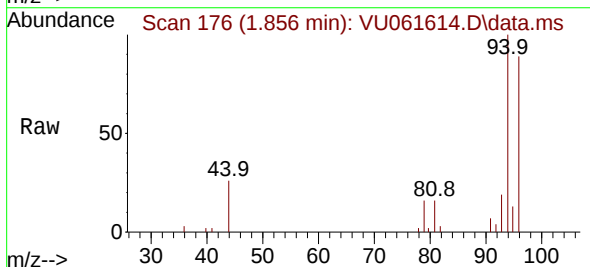
Instrument :
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ClientSampleId :

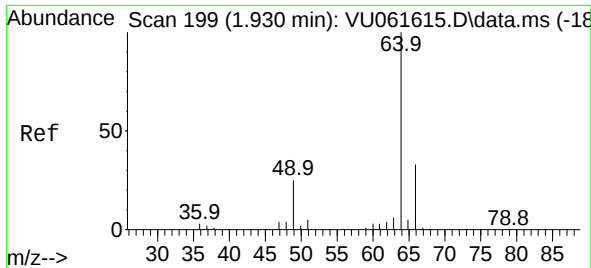
Tgt Ion: 62 Resp: 12516
Ion Ratio Lower Upper
62 100
64 34.0 23.7 44.1



#6
Bromomethane
Concen: 0.932 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion: 94 Resp: 7479
Ion Ratio Lower Upper
94 100
96 88.8 65.7 121.9

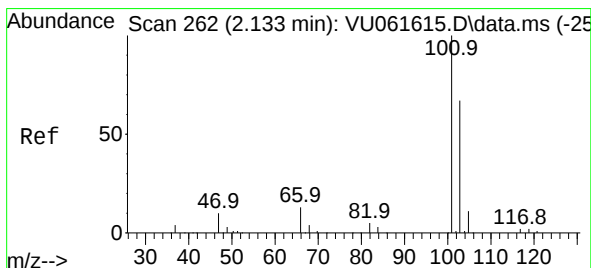
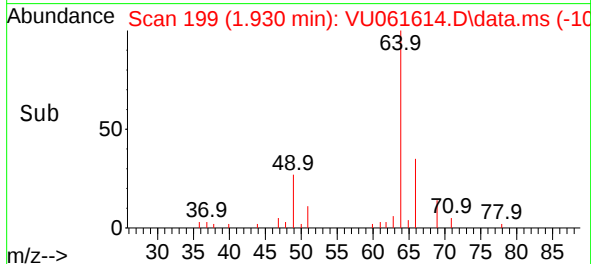
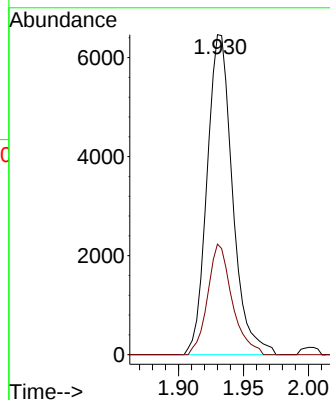
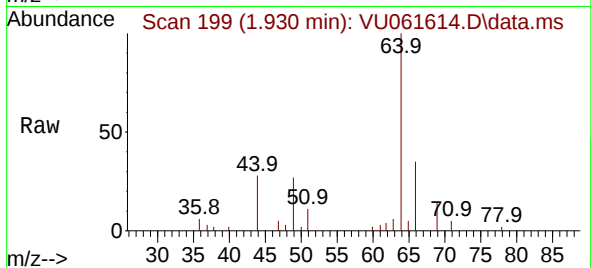




#8
Chloroethane
Concen: 0.947 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

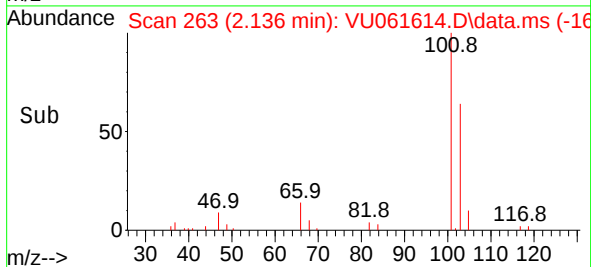
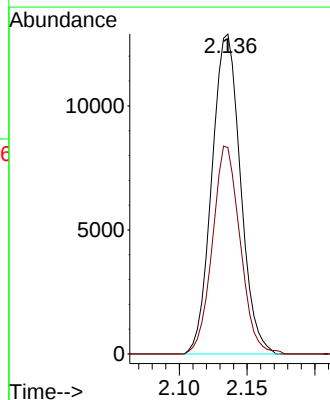
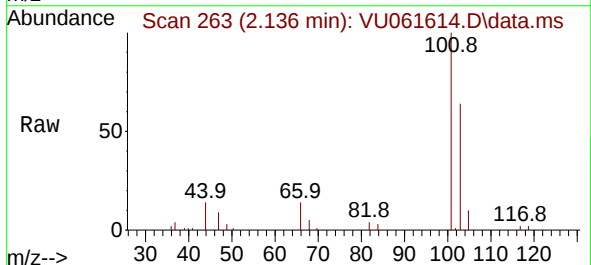
Instrument :
MSVOA_U
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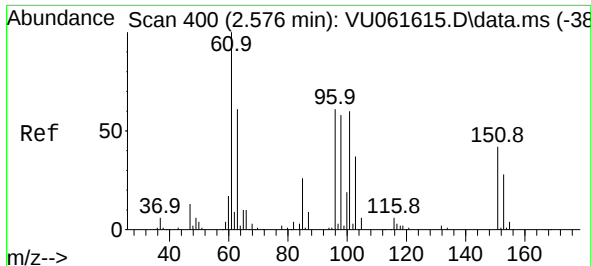
Tgt Ion: 64 Resp: 8833
Ion Ratio Lower Upper
64 100
66 34.6 23.1 42.9



#9
Trichlorofluoromethane
Concen: 0.959 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion:101 Resp: 18952
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.2

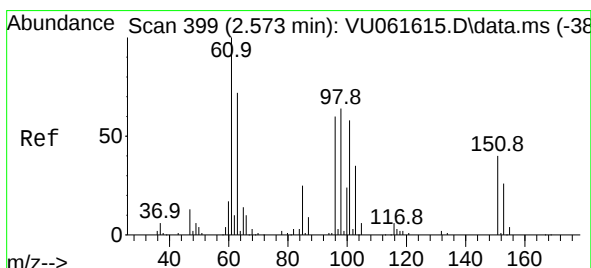
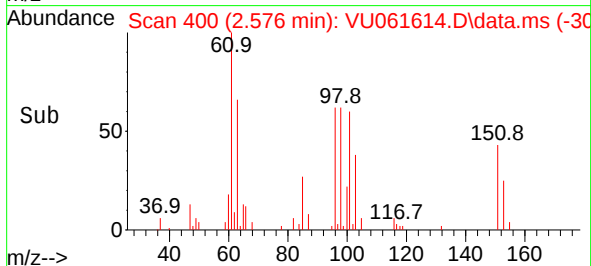
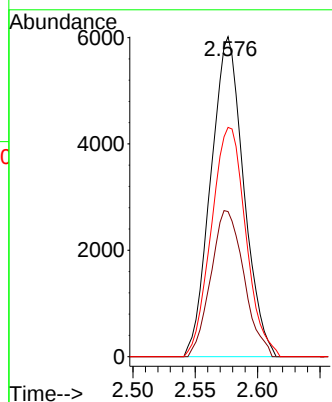
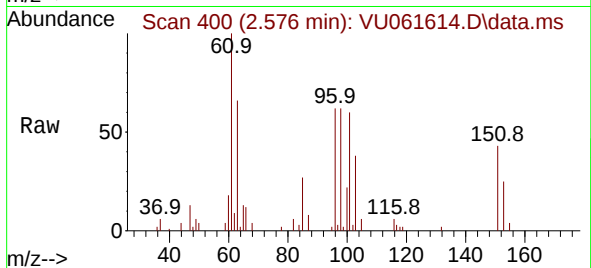




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.946 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061614.D
 Acq: 13 Nov 2024 09:07

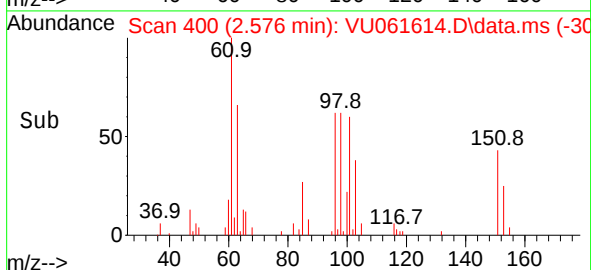
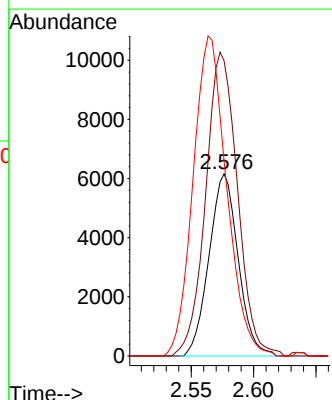
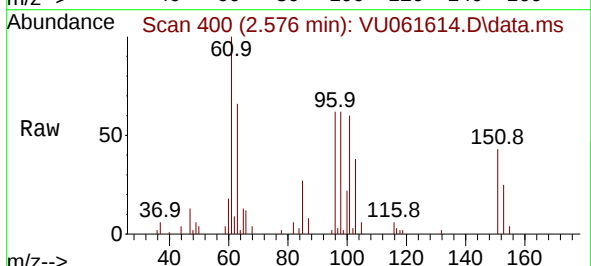
Instrument :
 MSVOA_U
 ClientSampleId :

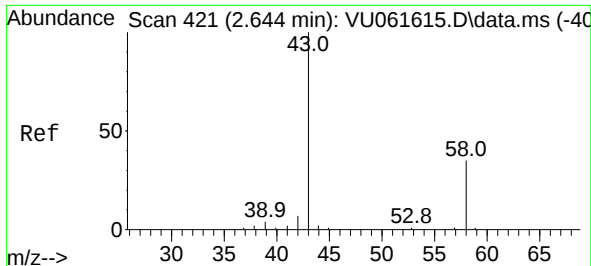
Tgt Ion:	101	Resp:	11055
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.1	52.7
151	75.1	56.9	85.3



#12
 1,1-Dichloroethene
 Concen: 0.918 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU061614.D
 Acq: 13 Nov 2024 09:07

Tgt Ion:	96	Resp:	10009
Ion Ratio	Lower	Upper	
96	100		
61	162.2	116.8	217.0
63	107.2	86.1	159.9





#13

Acetone

Concen: 9.465 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU061614.D

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Instrument :

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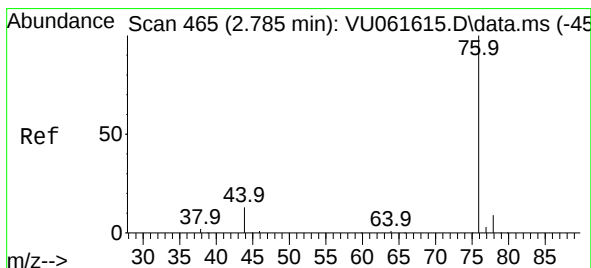
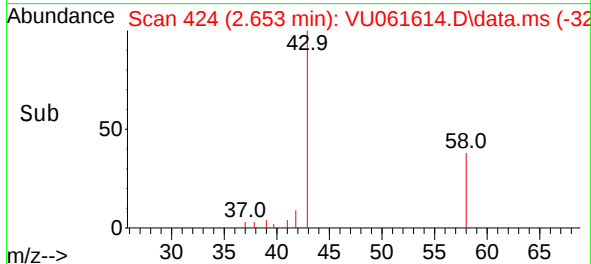
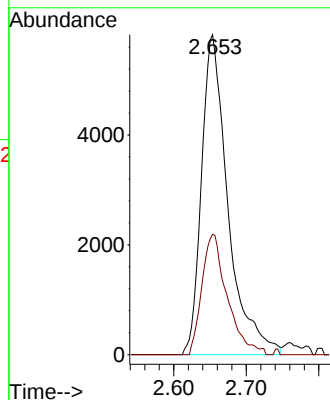
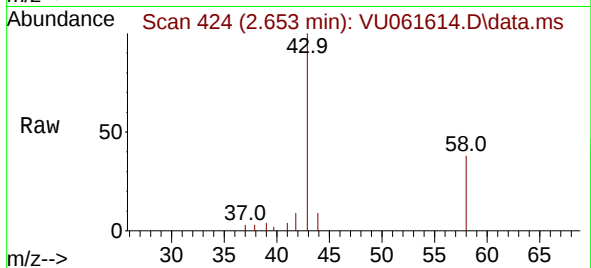
ClientSampleId :

Tgt Ion: 43 Resp: 14776

Ion Ratio Lower Upper

43 100

58 36.0 0.0 69.8



#14

Carbon disulfide

Concen: 0.895 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061614.D

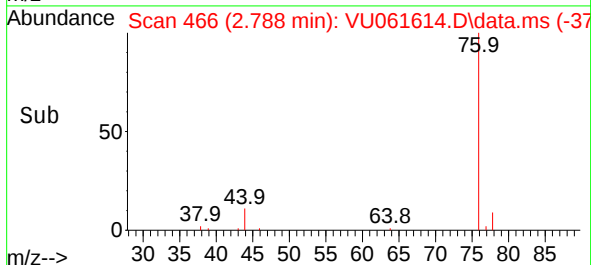
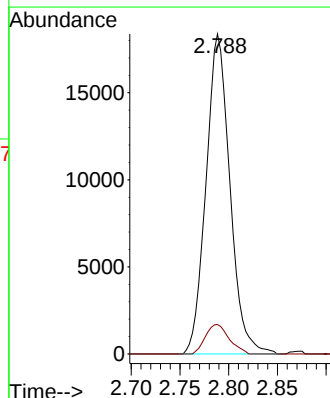
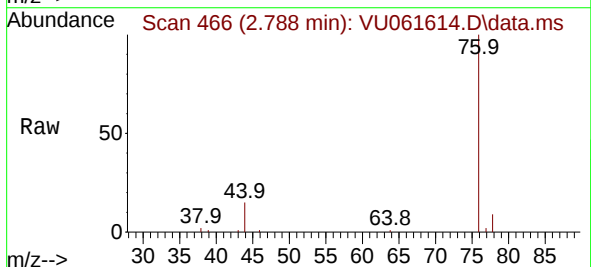
Acq: 13 Nov 2024 09:07

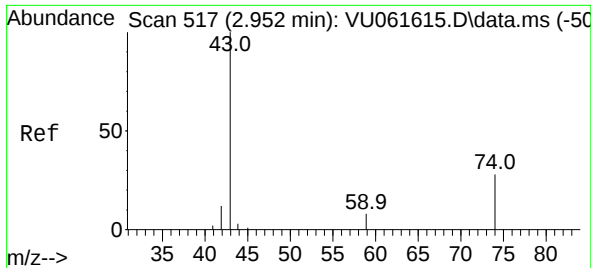
Tgt Ion: 76 Resp: 31345

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 0.900 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

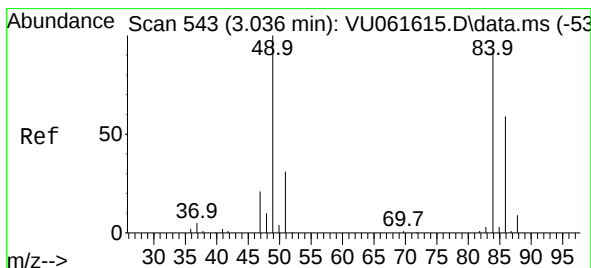
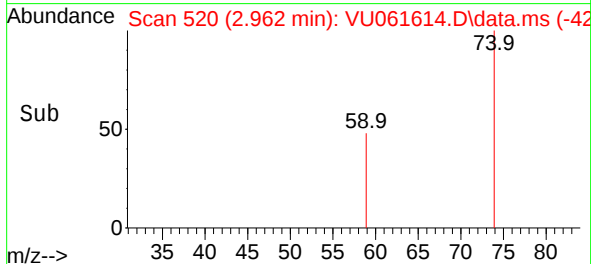
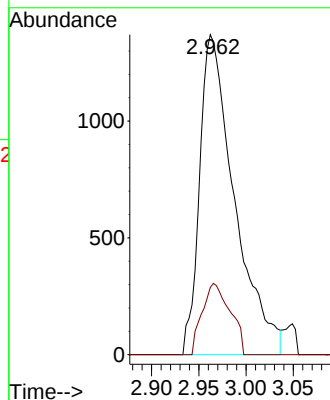
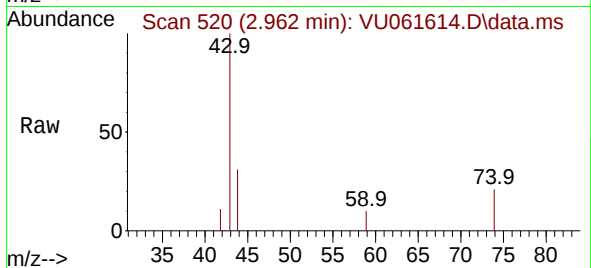
ClientSampleId :

Tgt Ion: 43 Resp: 3510

Ion Ratio Lower Upper

43 100

74 17.9 22.5 33.7#



#16

Methylene chloride

Concen: 0.958 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.006 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

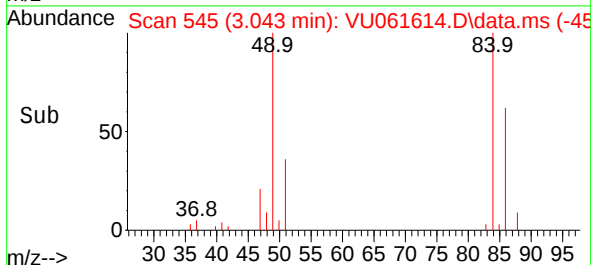
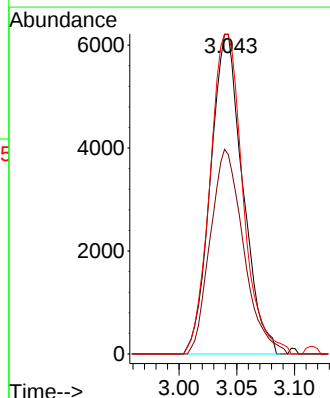
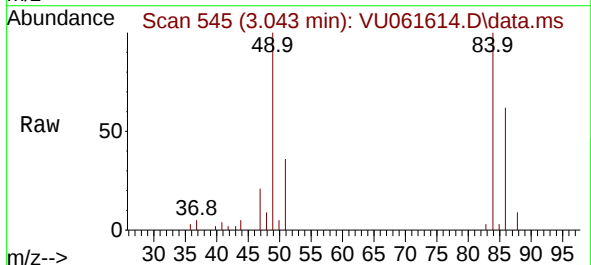
Tgt Ion: 84 Resp: 12048

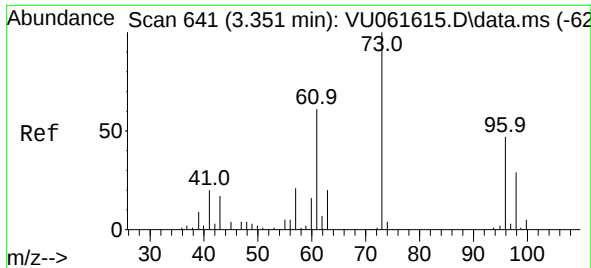
Ion Ratio Lower Upper

84 100

86 62.4 45.1 83.7

49 99.9 76.3 141.7

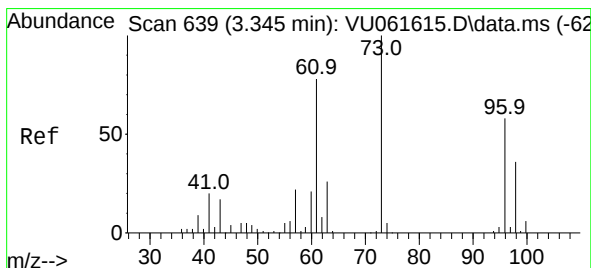
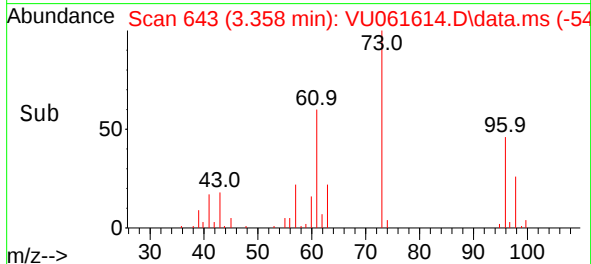
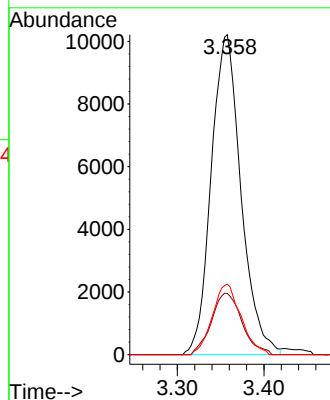
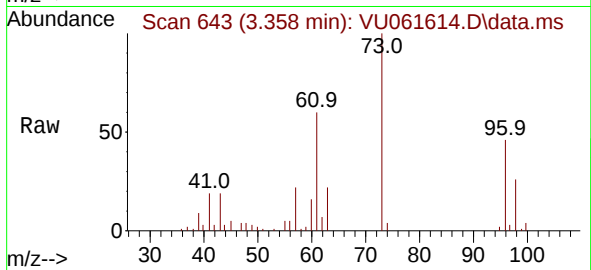




#17
Methyl tert-butyl Ether
Concen: 0.913 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

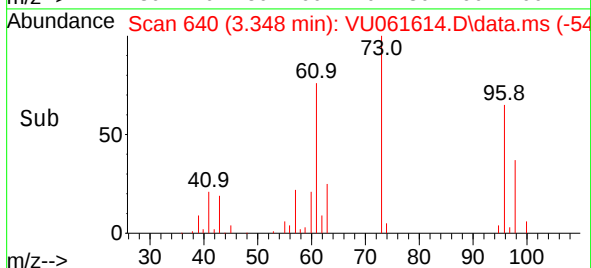
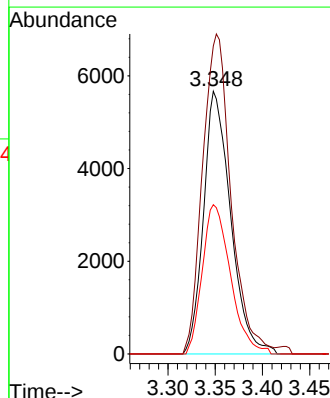
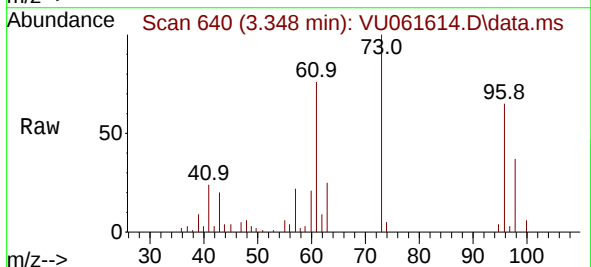
Instrument :
MSVOA_U
ClientSampleId :

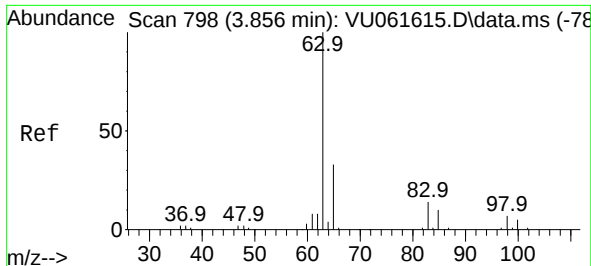
Tgt Ion: 73 Resp: 24415
Ion Ratio Lower Upper
73 100
43 19.8 14.2 21.4
57 21.1 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 0.945 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion: 96 Resp: 11310
Ion Ratio Lower Upper
96 100
61 117.2 94.1 174.8
98 56.8 43.2 80.2

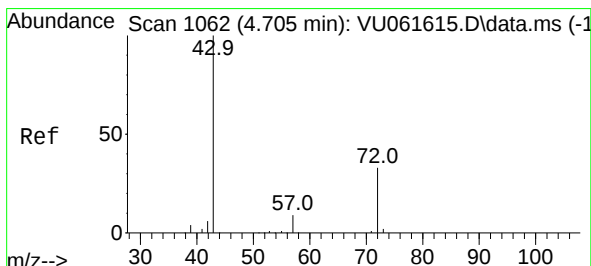
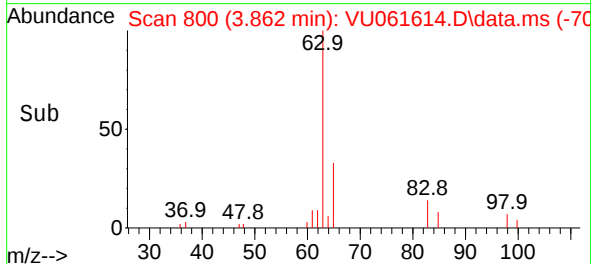
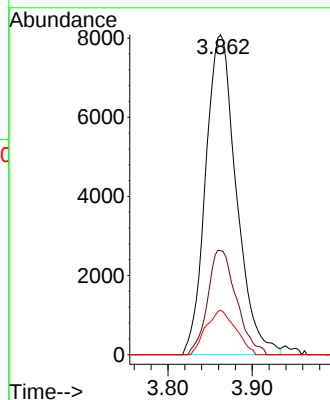
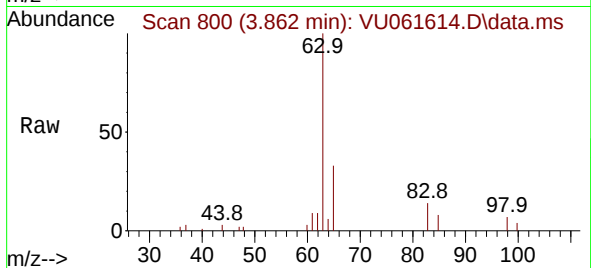




#19
1,1-Dichloroethane
Concen: 0.939 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.006 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

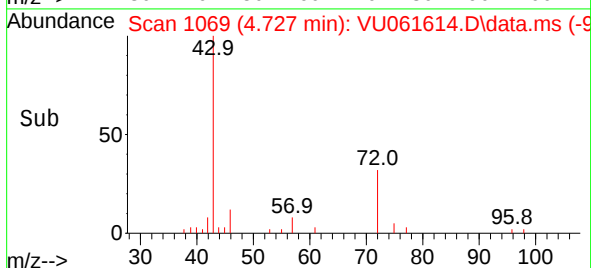
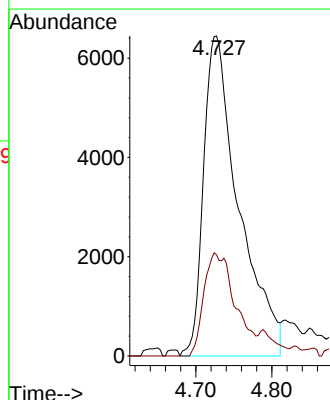
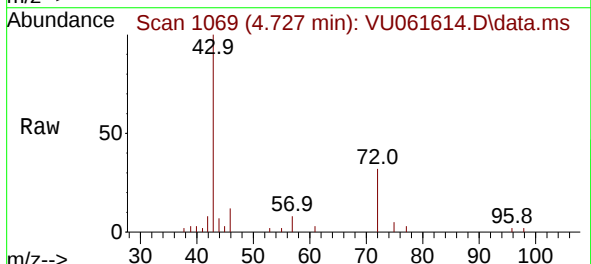
Instrument :
MSVOA_U
ClientSampleId :

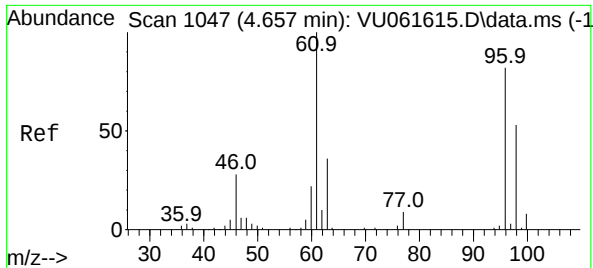
Tgt Ion:	63	Resp:	20484
Ion Ratio	Lower	Upper	
63	100		
65	32.6	23.4	43.4
83	13.9	9.6	17.8



#21
2-Butanone
Concen: 8.439 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.023 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion:	43	Resp:	20746
Ion Ratio	Lower	Upper	
43	100		
72	28.6	15.8	47.3

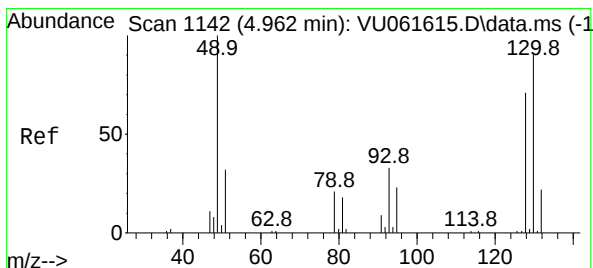
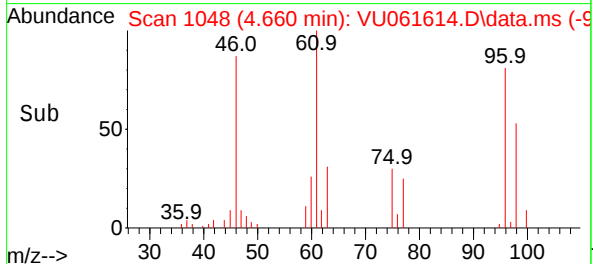
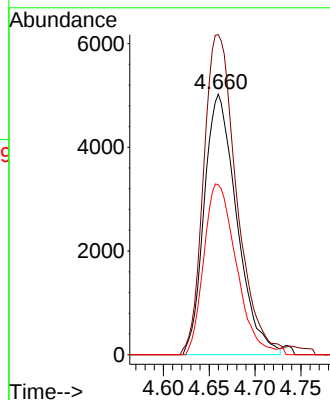
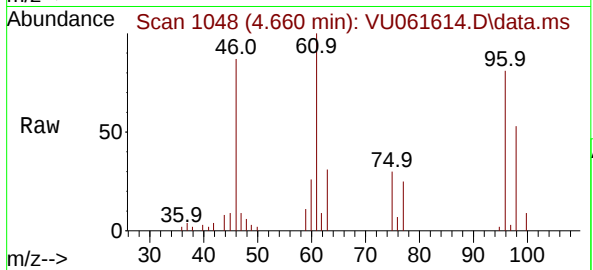




#22
cis-1,2-Dichloroethene
Concen: 0.920 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

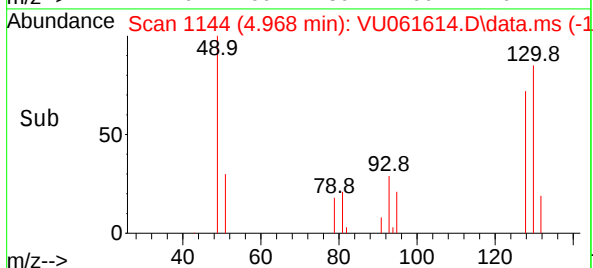
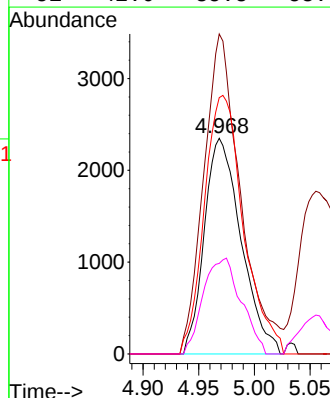
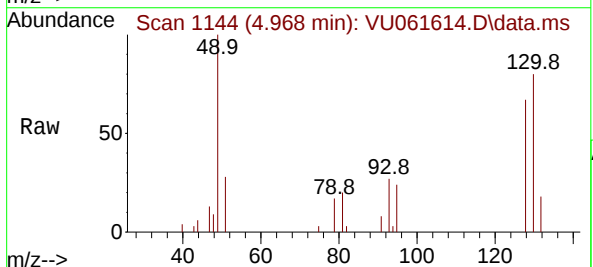
Instrument :
MSVOA_U
ClientSampleId :

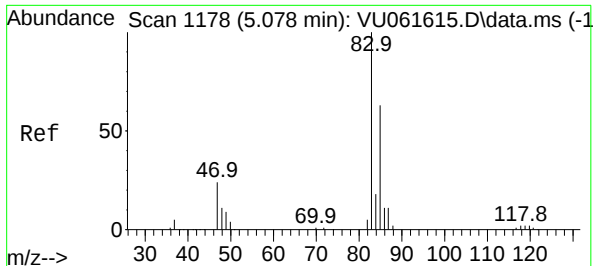
Tgt Ion: 96 Resp: 12419
Ion Ratio Lower Upper
96 100
61 122.8 85.6 159.0
98 65.3 45.6 84.8



#23
Bromochloromethane
Concen: 0.902 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion: 128 Resp: 5404
Ion Ratio Lower Upper
128 100
49 148.4 99.1 184.1
130 118.9 88.6 164.6
51 42.0 35.8 53.6





#25

Chloroform

Concen: 0.951 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

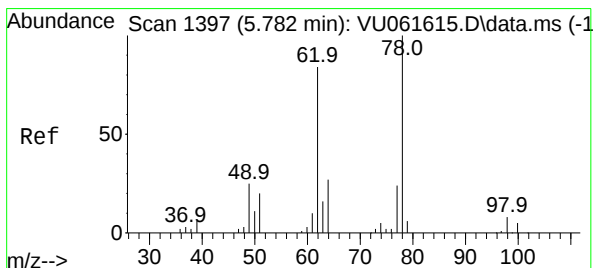
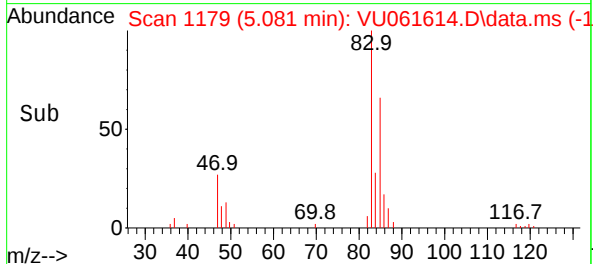
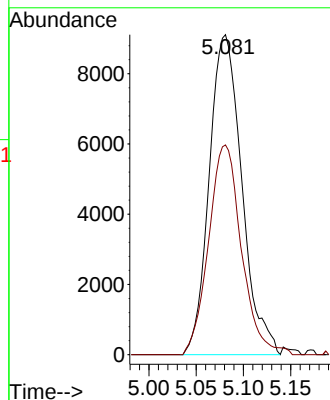
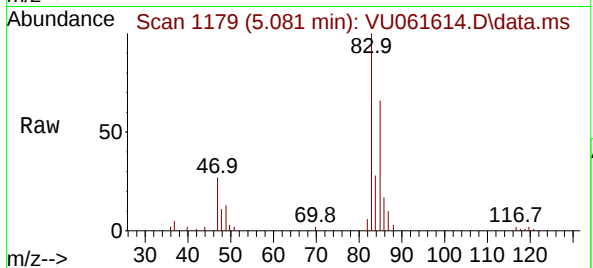
ClientSampleId :

Tgt Ion: 83 Resp: 21860

Ion Ratio Lower Upper

83 100

85 65.5 44.1 81.9



#27

1,2-Dichloroethane

Concen: 0.992 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VU061614.D

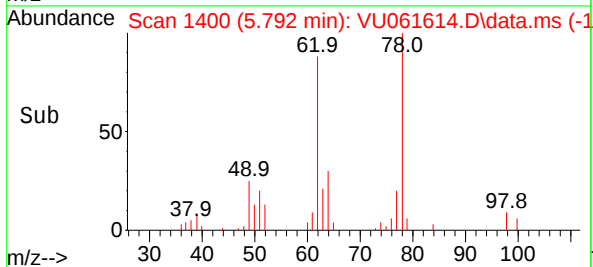
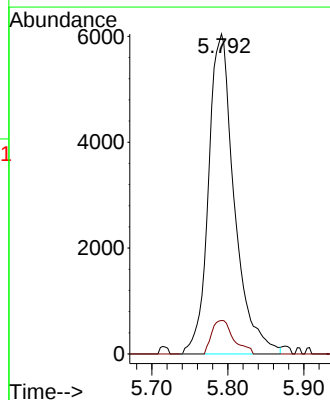
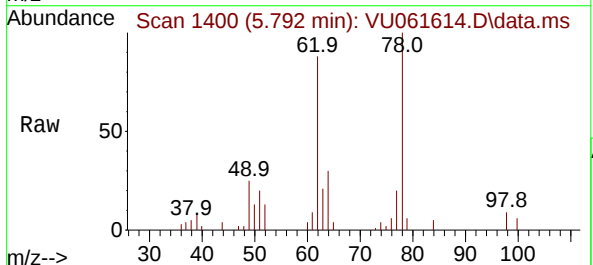
Acq: 13 Nov 2024 09:07

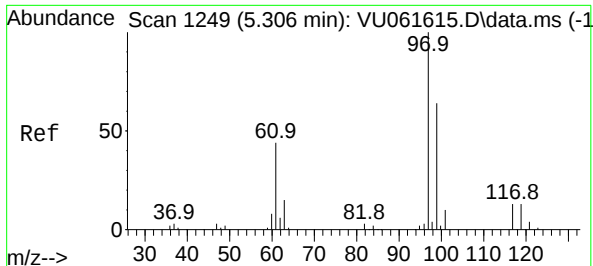
Tgt Ion: 62 Resp: 14315

Ion Ratio Lower Upper

62 100

98 10.4 7.7 11.5

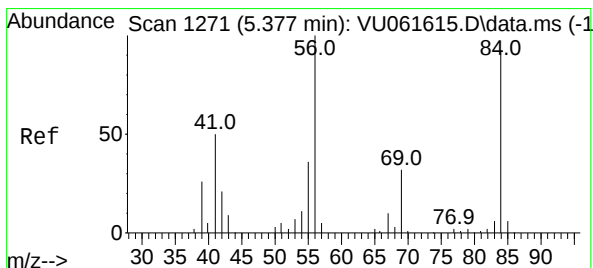
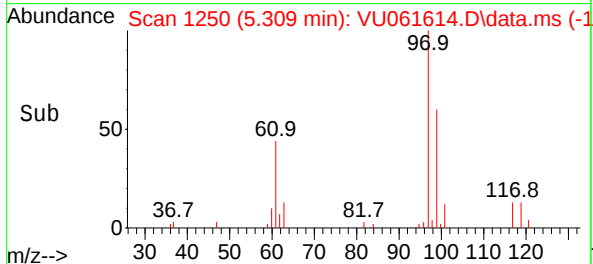
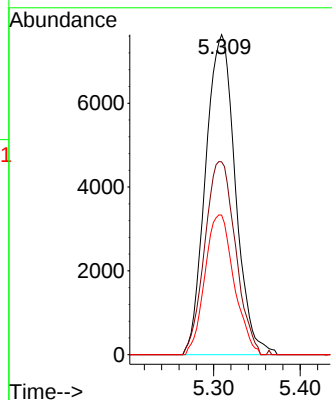
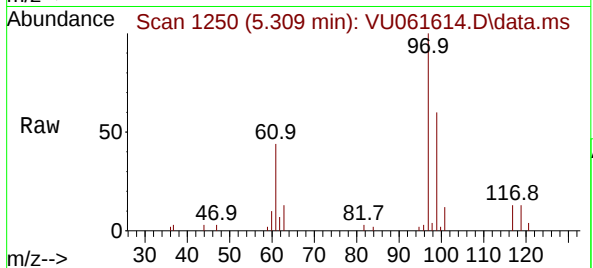




#29
1,1,1-Trichloroethane
Concen: 0.948 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

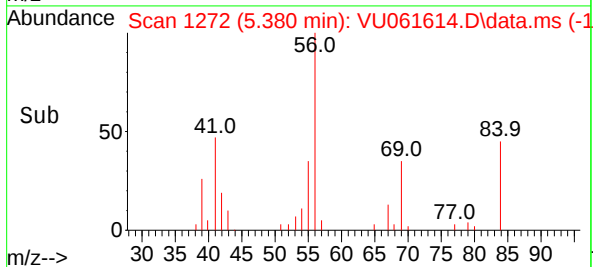
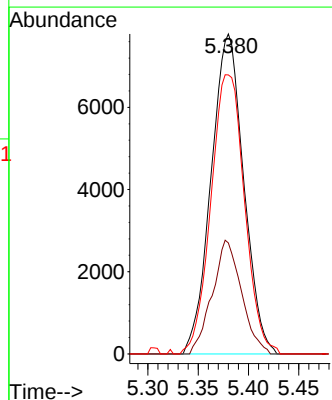
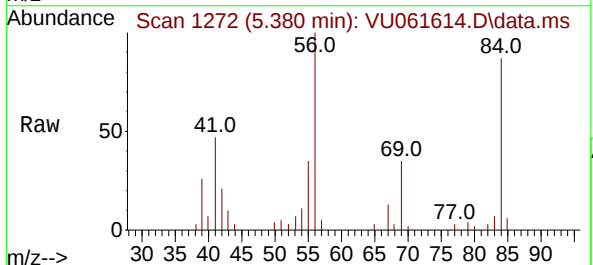
Instrument :
MSVOA_U
ClientSampleId :

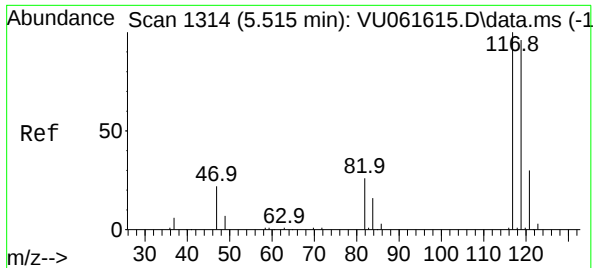
Tgt Ion: 97 Resp: 18251
Ion Ratio Lower Upper
97 100
99 62.3 51.7 77.5
61 42.7 35.4 53.0



#30
Cyclohexane
Concen: 0.913 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion: 56 Resp: 17558
Ion Ratio Lower Upper
56 100
69 31.9 25.6 38.4
84 89.9 74.3 111.5

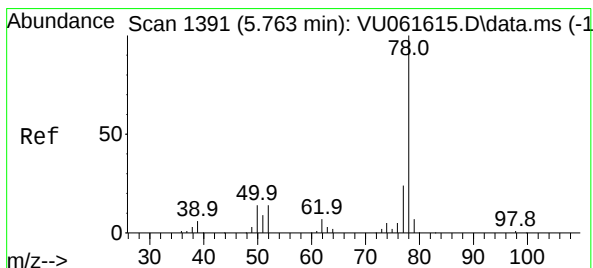
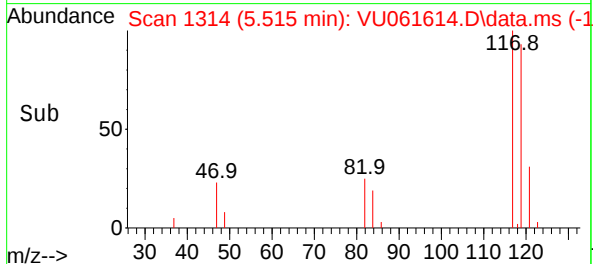
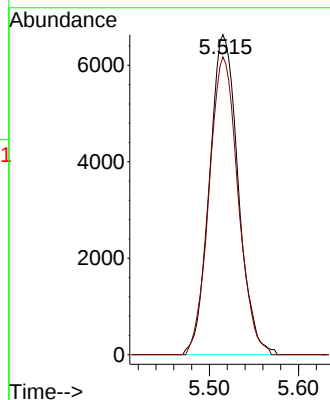
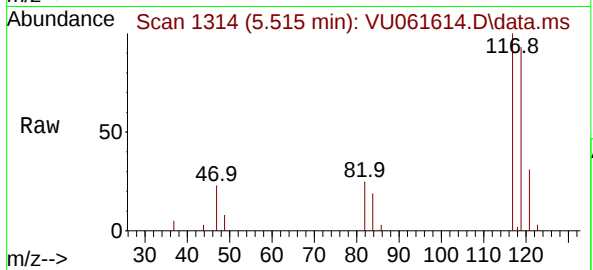




#31
Carbon tetrachloride
Concen: 0.906 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

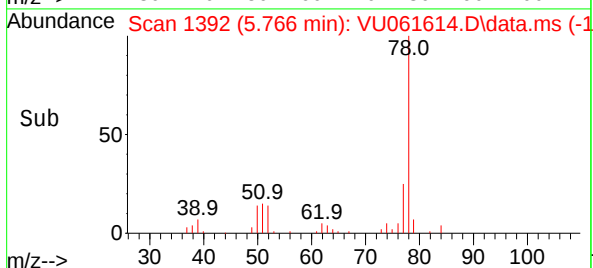
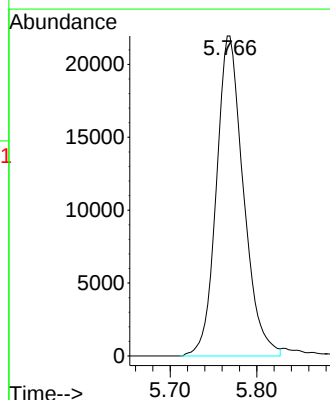
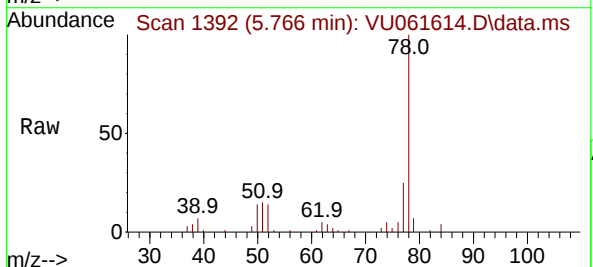
Instrument :
MSVOA_U
ClientSampleId :

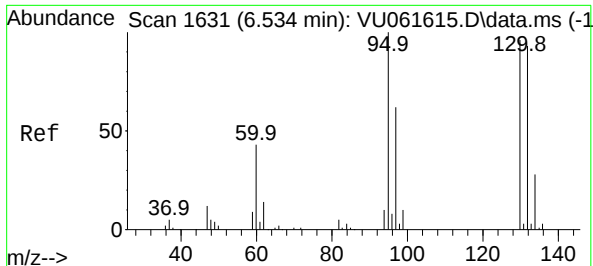
Tgt Ion:117 Resp: 14852
Ion Ratio Lower Upper
117 100
119 93.9 76.6 114.8



#33
Benzene
Concen: 0.931 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion: 78 Resp: 47669





#34

Trichloroethene

Concen: 0.939 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 12983

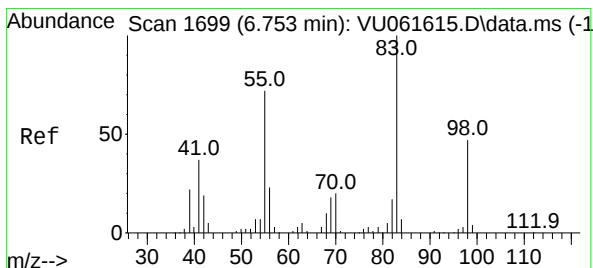
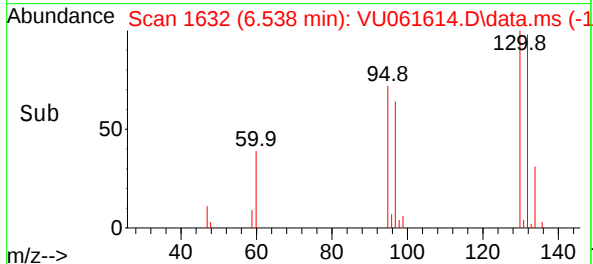
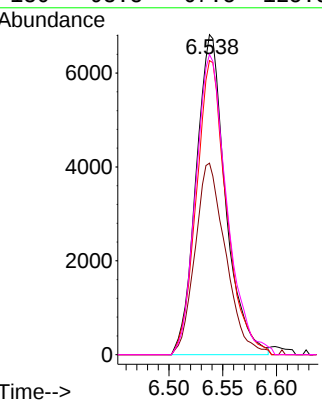
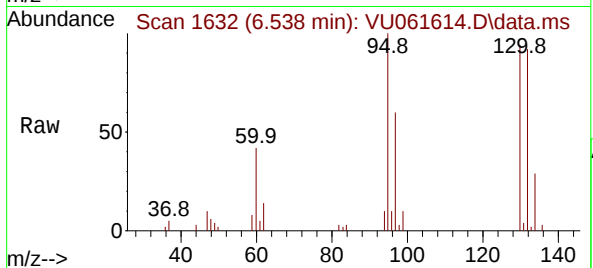
Ion Ratio Lower Upper

95 100

97 59.8 43.5 80.9

132 91.9 65.2 121.0

130 93.8 67.5 125.3



#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

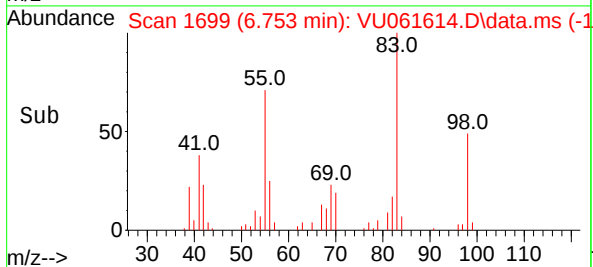
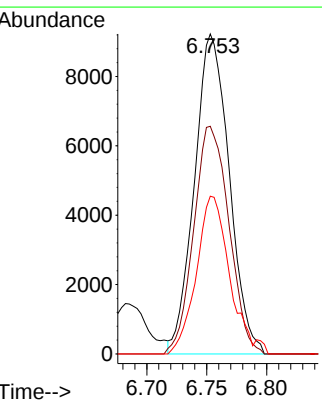
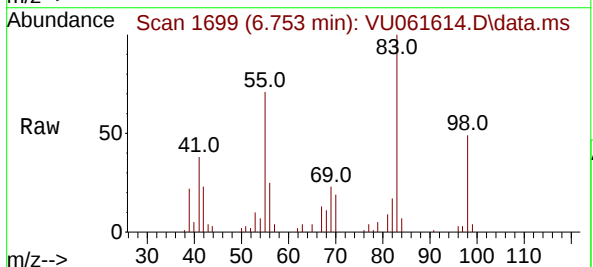
Tgt Ion: 83 Resp: 18609

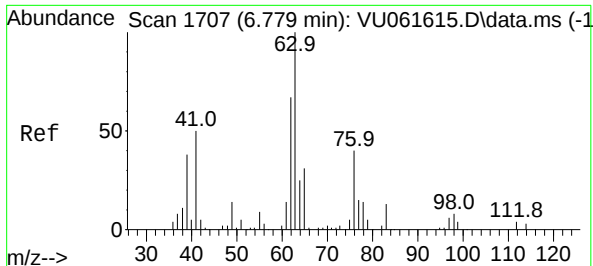
Ion Ratio Lower Upper

83 100

55 72.1 56.4 84.6

98 47.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 0.950 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

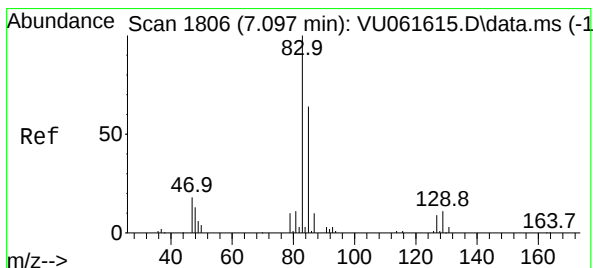
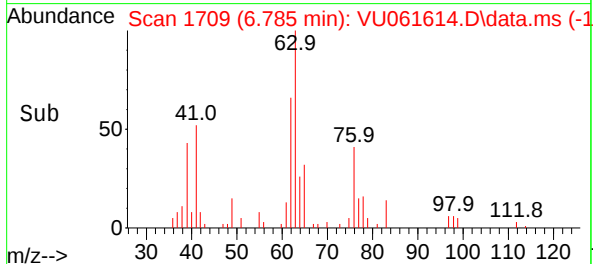
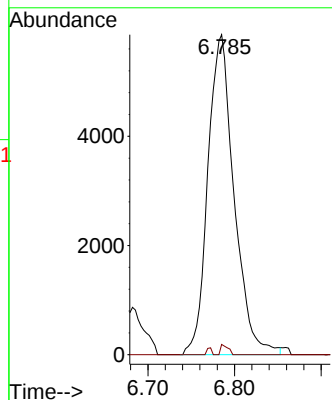
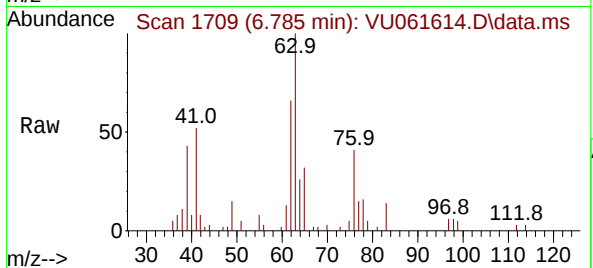
ClientSampleId :

Tgt Ion: 63 Resp: 12346

Ion Ratio Lower Upper

63 100

112 0.9 3.0 4.4#



#38

Bromodichloromethane

Concen: 0.897 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

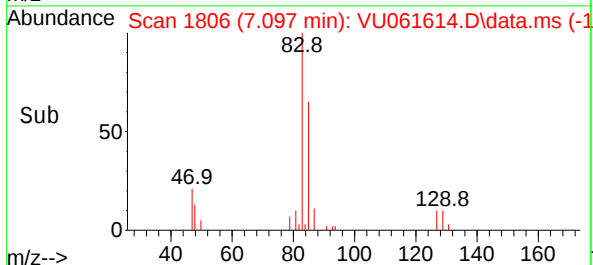
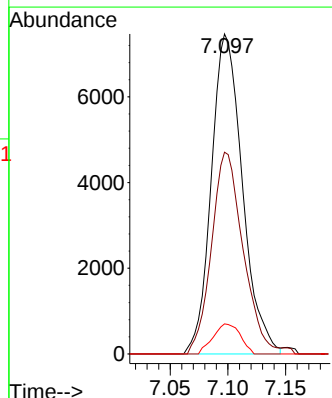
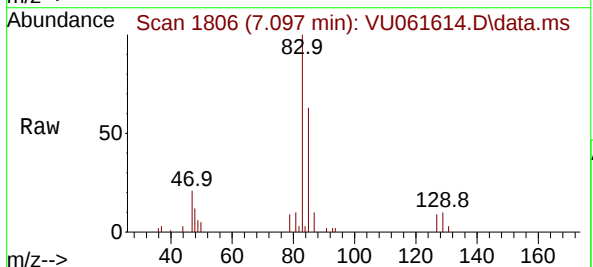
Tgt Ion: 83 Resp: 13990

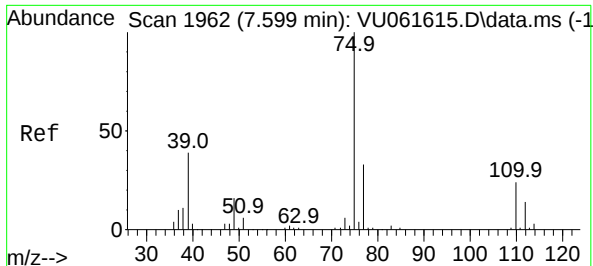
Ion Ratio Lower Upper

83 100

85 63.1 45.0 83.6

127 9.4 6.9 10.3

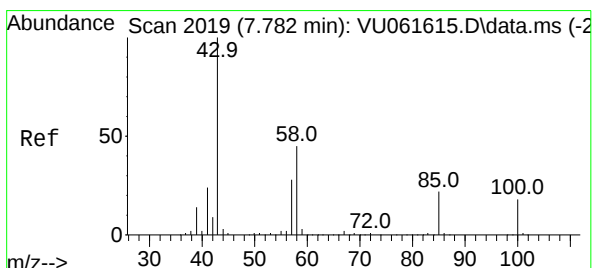
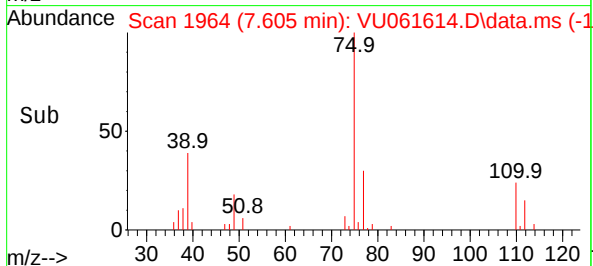
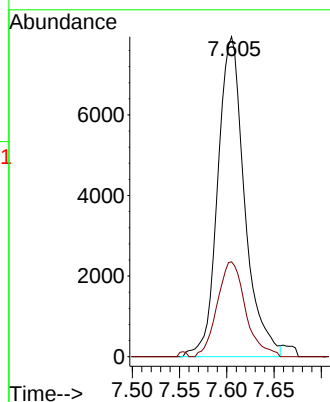
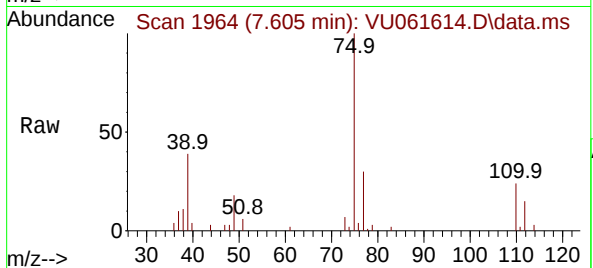




#39
 cis-1,3-Dichloropropene
 Concen: 0.847 ug/L
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061614.D
 Acq: 13 Nov 2024 09:07

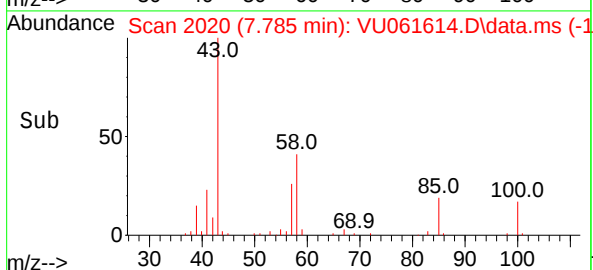
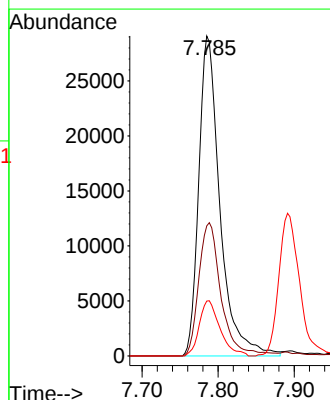
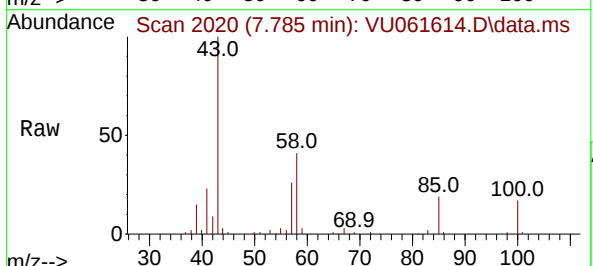
Instrument :
 MSVOA_U
 ClientSampleId :

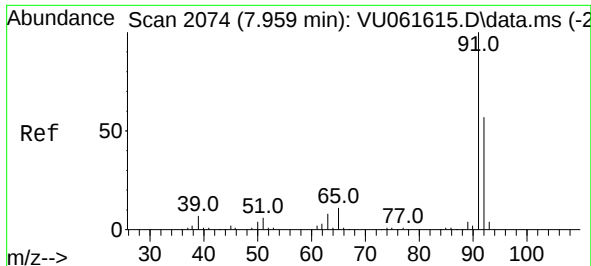
Tgt Ion: 75 Resp: 15671
 Ion Ratio Lower Upper
 75 100
 77 29.7 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 9.035 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU061614.D
 Acq: 13 Nov 2024 09:07

Tgt Ion: 43 Resp: 56285
 Ion Ratio Lower Upper
 43 100
 58 43.8 35.7 53.5
 100 16.8 14.2 21.2





#42

Toluene

Concen: 0.903 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

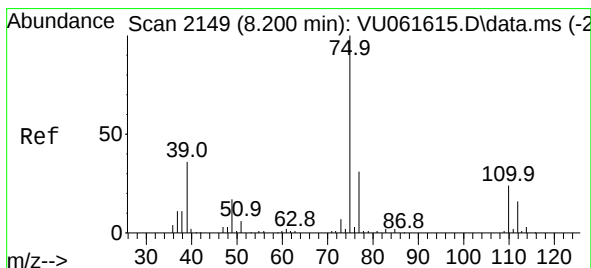
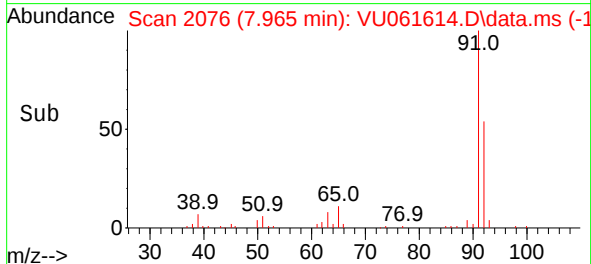
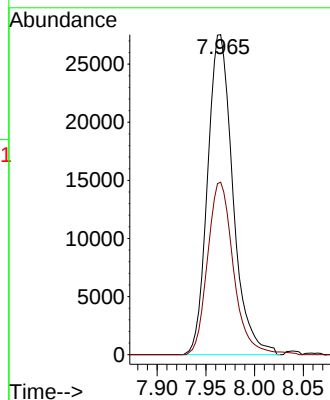
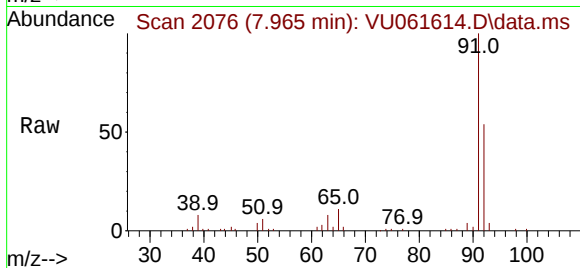
ClientSampleId :

Tgt Ion: 91 Resp: 49795

Ion Ratio Lower Upper

91 100

92 53.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.833 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU061614.D

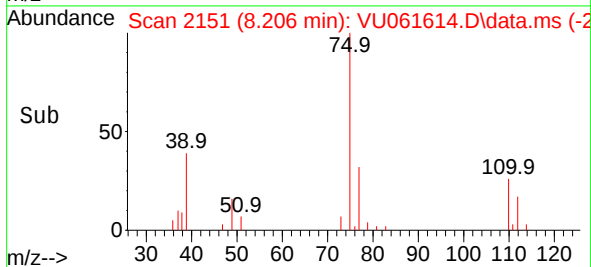
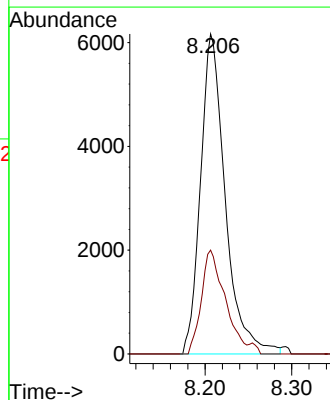
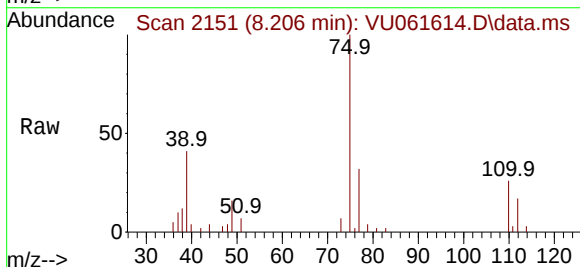
Acq: 13 Nov 2024 09:07

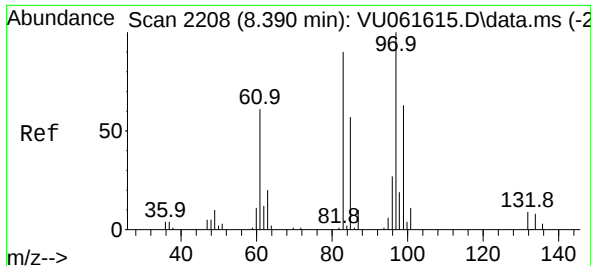
Tgt Ion: 75 Resp: 12222

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3

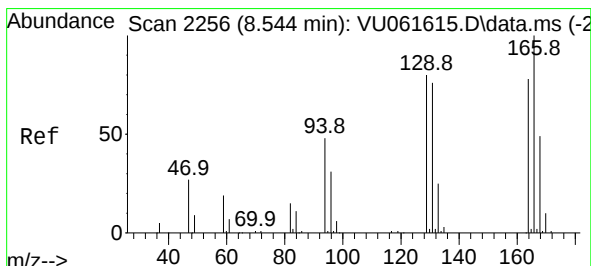
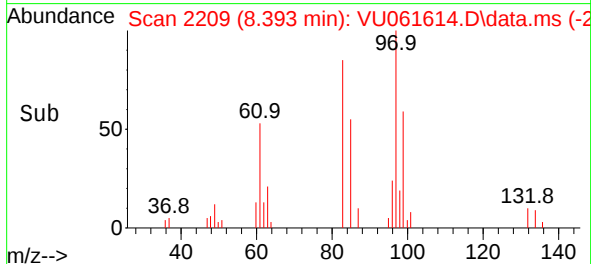
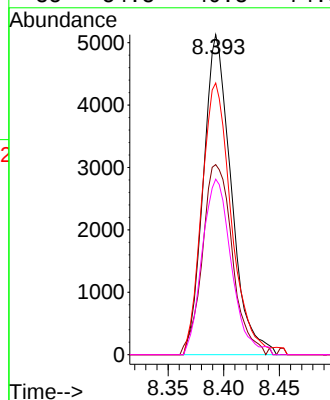
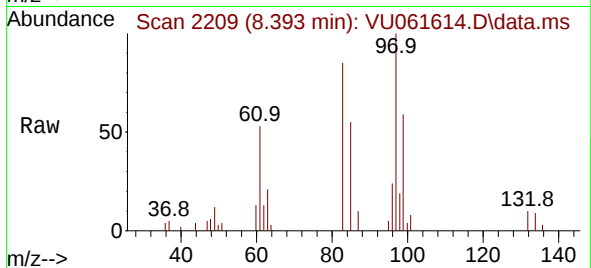




#45
1,1,2-Trichloroethane
Concen: 0.938 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

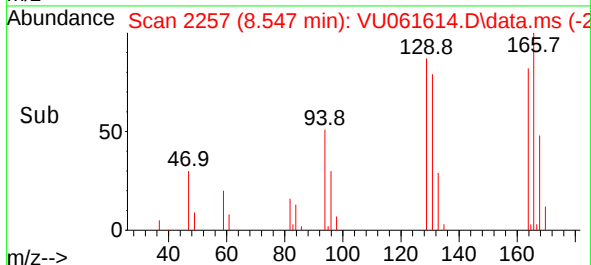
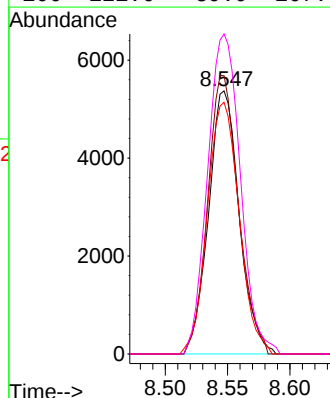
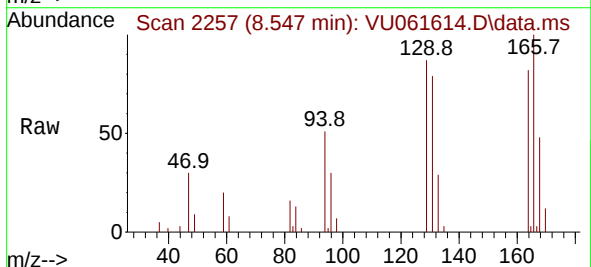
Instrument :
MSVOA_U
ClientSampleId :

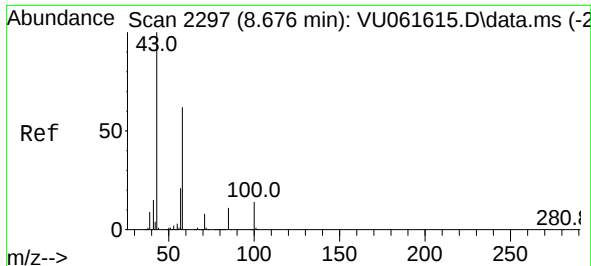
Tgt Ion:	97	Resp:	8882
Ion	Ratio	Lower	Upper
97	100		
99	59.4	43.8	81.3
83	84.9	63.2	117.4
85	54.8	40.3	74.8



#47
Tetrachloroethene
Concen: 0.887 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion:	164	Resp:	9222
Ion	Ratio	Lower	Upper
164	100		
129	105.8	71.7	133.3
131	95.6	68.2	126.6
166	121.6	89.9	167.0





#48

2-Hexanone

Concen: 8.530 ug/L

RT: 8.685 min Scan# 2297

Delta R.T. 0.010 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 37679

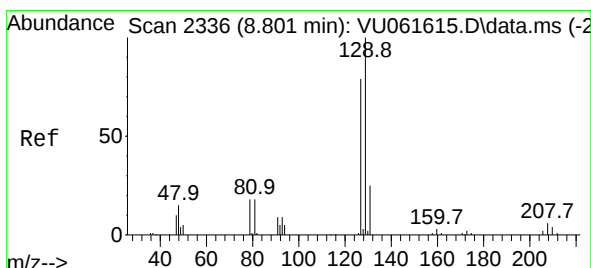
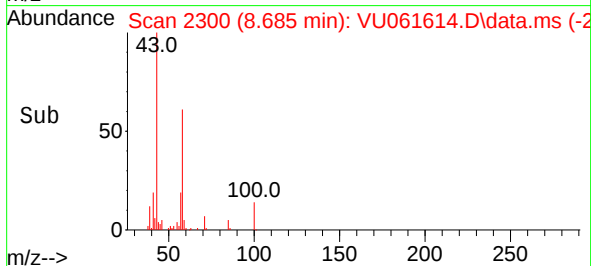
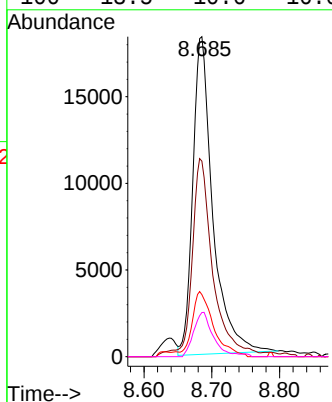
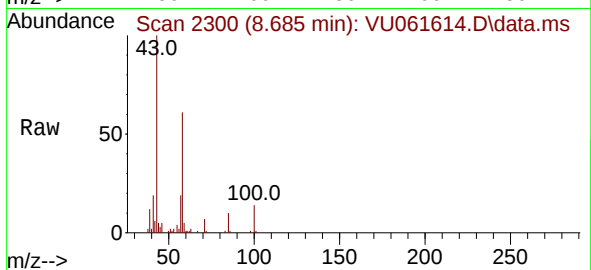
Ion Ratio Lower Upper

43 100

58 64.4 49.4 74.2

57 22.2 16.3 24.5

100 13.5 10.6 16.0



#49

Dibromochloromethane

Concen: 0.861 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU061614.D

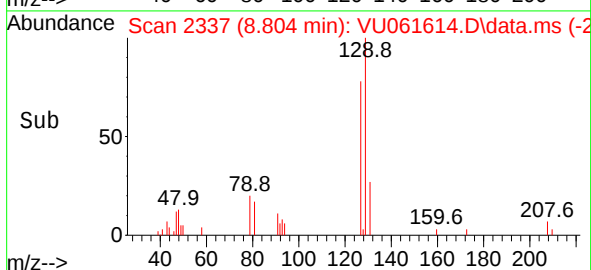
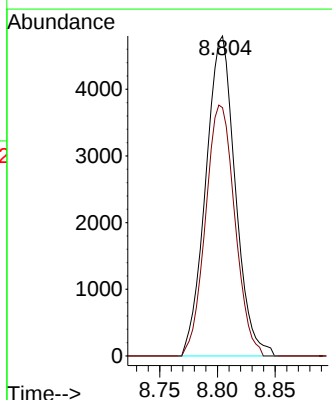
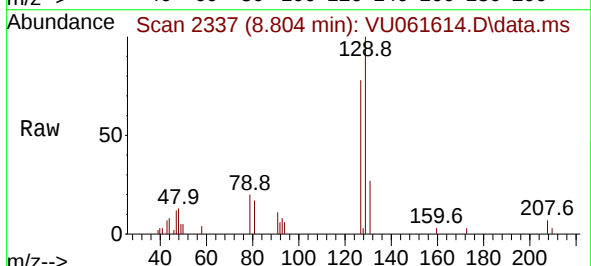
Acq: 13 Nov 2024 09:07

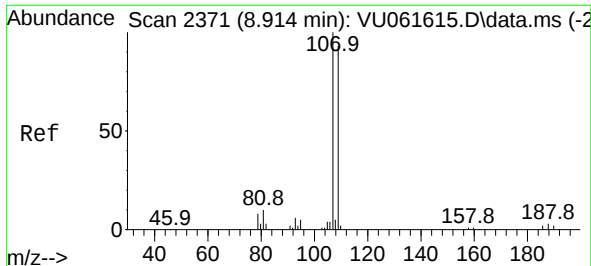
Tgt Ion: 129 Resp: 8555

Ion Ratio Lower Upper

129 100

127 77.6 55.1 102.3





#50

1,2-Dibromoethane

Concen: 0.880 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU061614.D

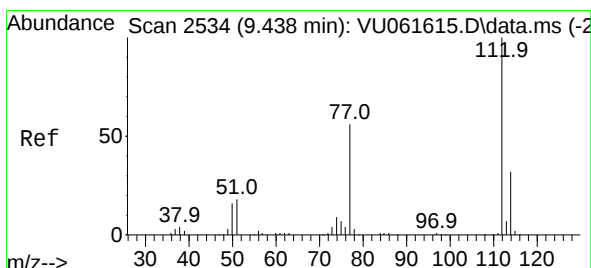
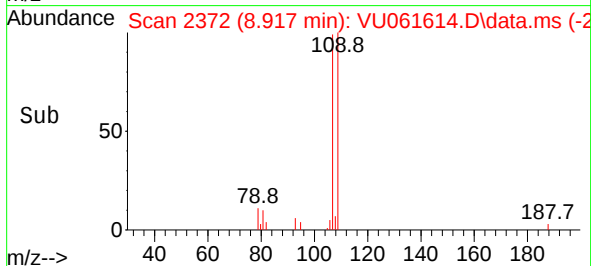
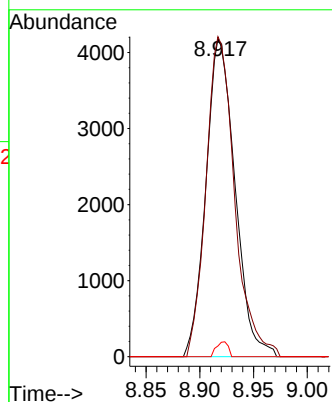
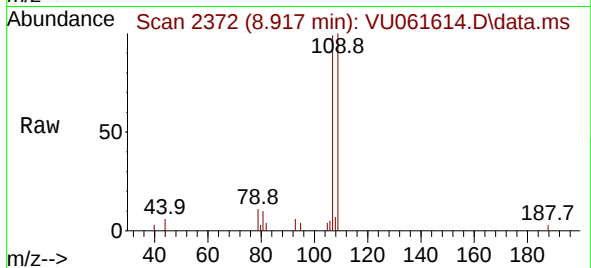
Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	7864
Ion	Ratio	Lower Upper
107	100	
109	100.7	64.8 120.4
188	3.4	2.5 3.7



#51

Chlorobenzene

Concen: 0.918 ug/L

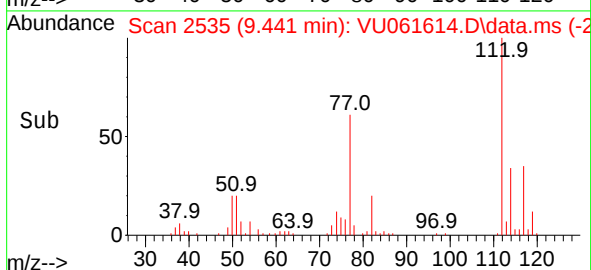
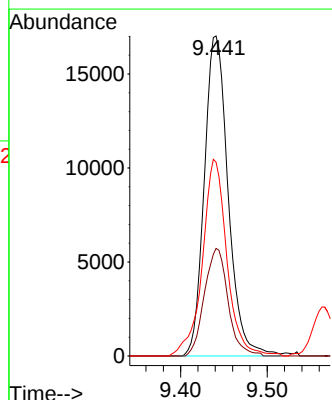
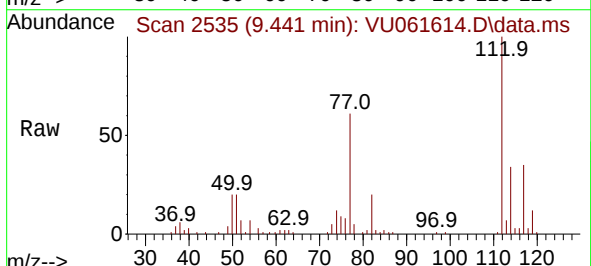
RT: 9.441 min Scan# 2535

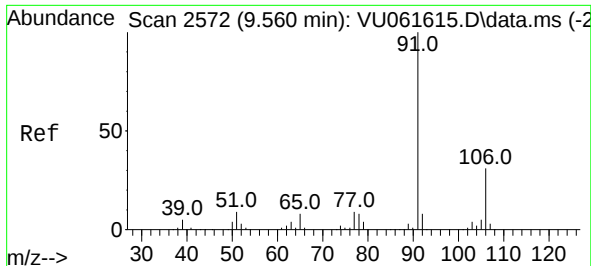
Delta R.T. 0.003 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Tgt Ion:112	Resp:	32590
Ion	Ratio	Lower Upper
112	100	
114	33.6	22.5 41.9
77	60.6	45.3 67.9

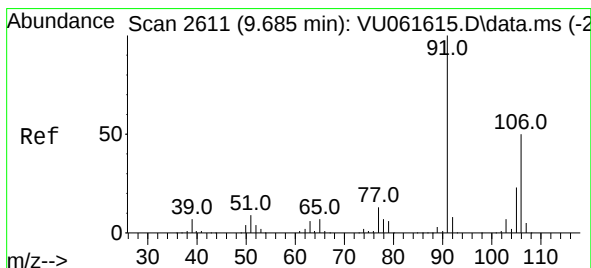
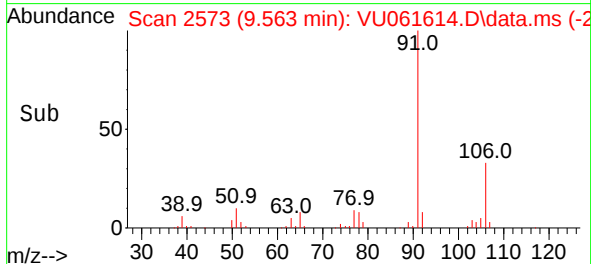
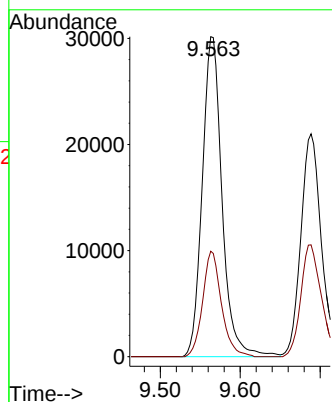
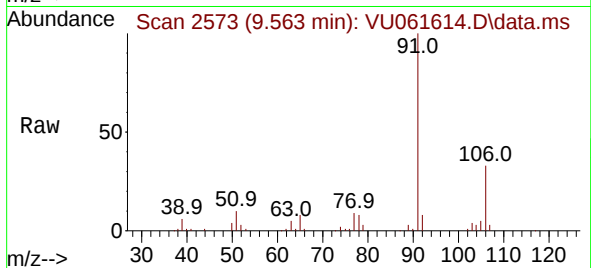




#52
Ethylbenzene
Concen: 0.885 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

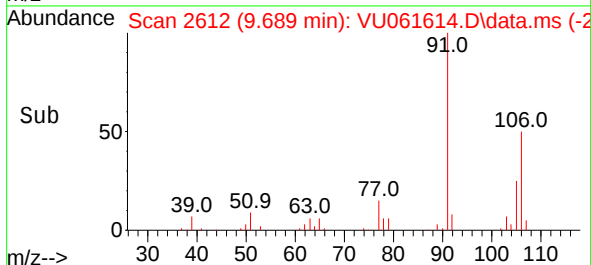
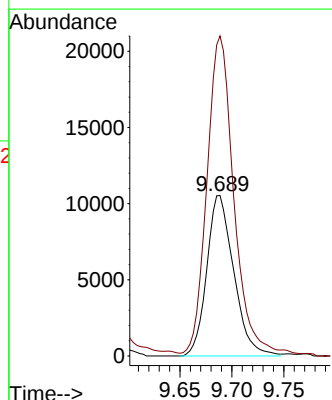
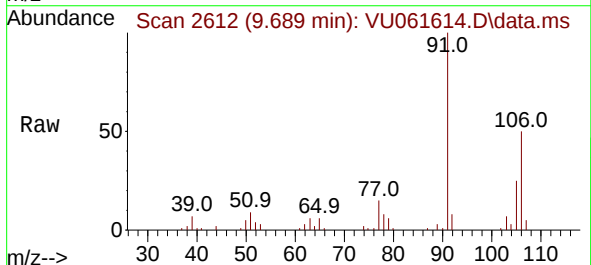
Instrument :
MSVOA_U
ClientSampleId :

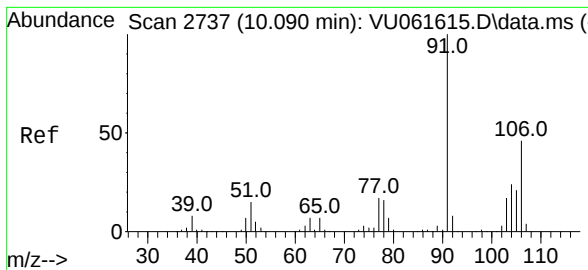
Tgt Ion: 91 Resp: 51987
Ion Ratio Lower Upper
91 100
106 32.9 21.7 40.3



#53
m,p-Xylene
Concen: 0.845 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion: 106 Resp: 18998
Ion Ratio Lower Upper
106 100
91 199.3 140.4 260.8





#54

o-Xylene

Concen: 0.863 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

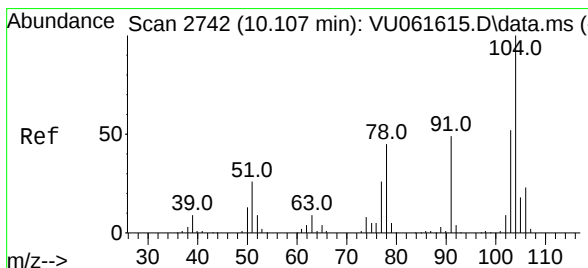
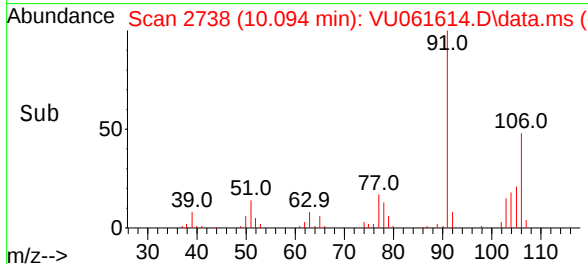
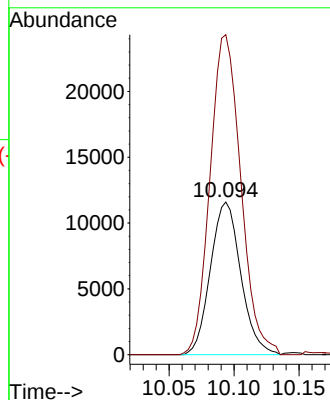
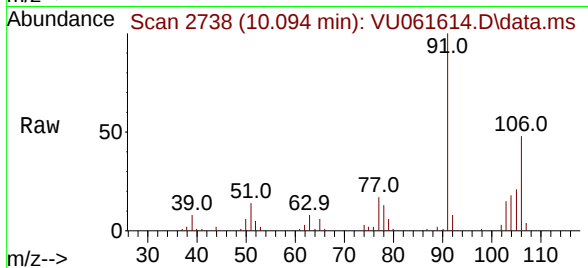
ClientSampleId :

Tgt Ion:106 Resp: 18843

Ion Ratio Lower Upper

106 100

91 209.7 151.3 280.9



#55

Styrene

Concen: 0.798 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU061614.D

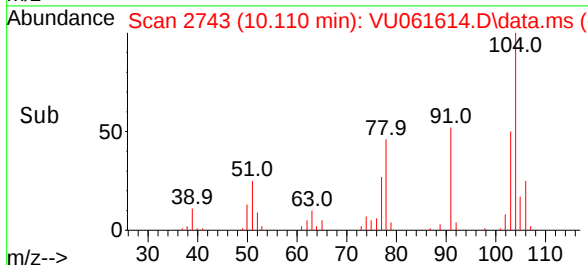
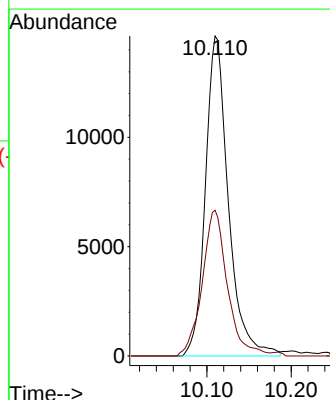
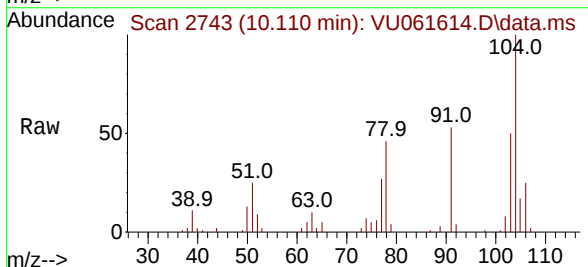
Acq: 13 Nov 2024 09:07

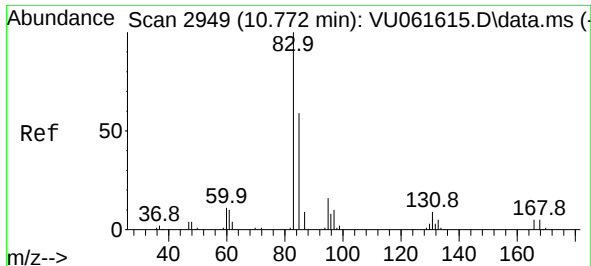
Tgt Ion:104 Resp: 27749

Ion Ratio Lower Upper

104 100

78 45.5 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.911 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :

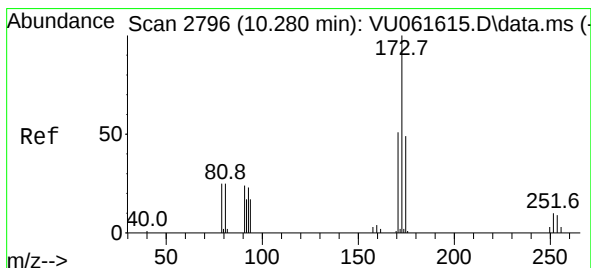
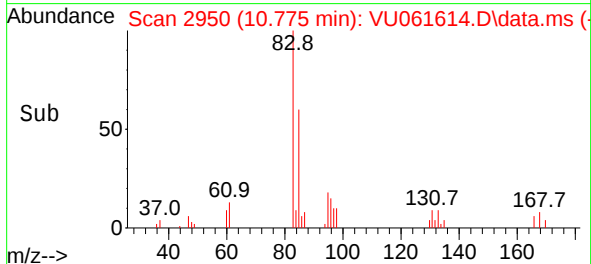
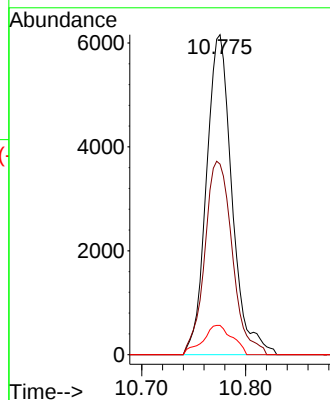
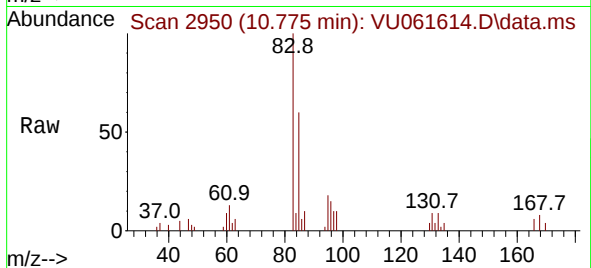
Tgt Ion: 83 Resp: 10501

Ion Ratio Lower Upper

83 100

85 59.6 41.9 77.9

131 9.1 7.8 11.6



#59

Bromoform

Concen: 0.854 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.006 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

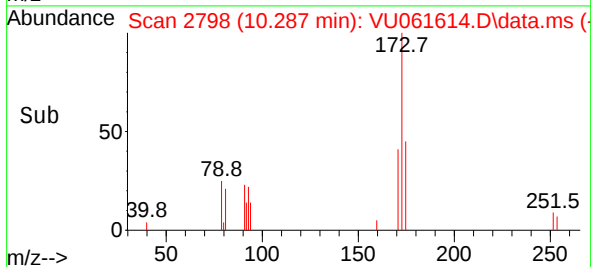
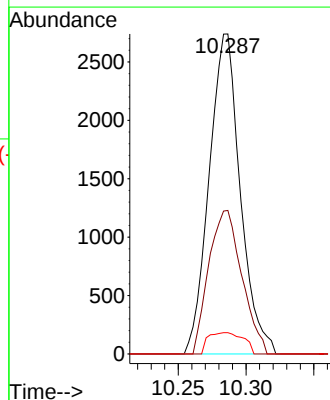
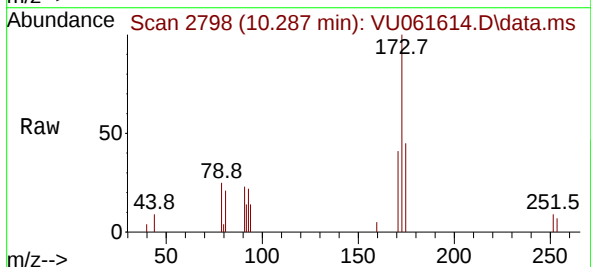
Tgt Ion:173 Resp: 4368

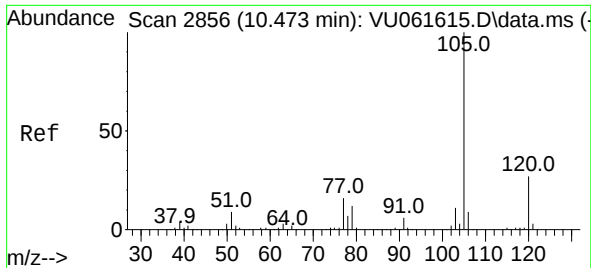
Ion Ratio Lower Upper

173 100

175 47.7 39.3 58.9

254 7.5 7.8 11.8#

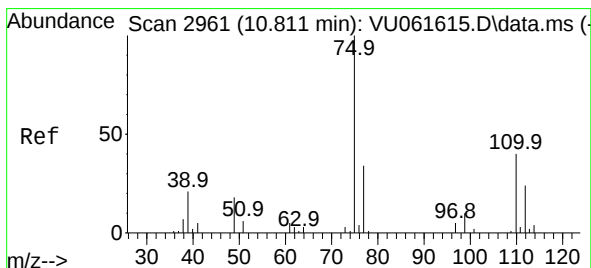
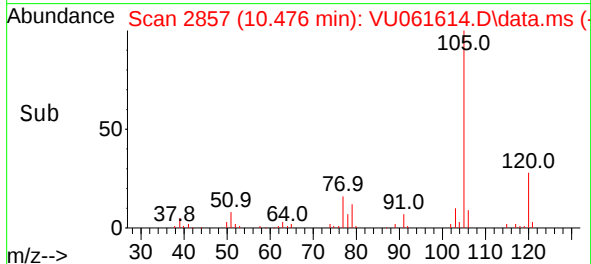
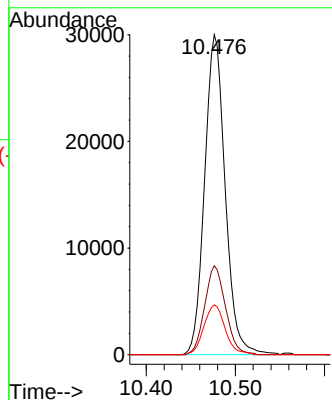
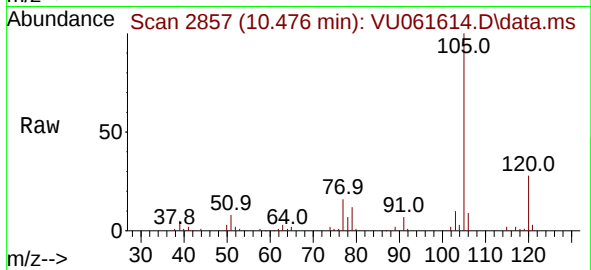




#60
Isopropylbenzene
Concen: 0.898 ug/L
RT: 10.476 min Scan# 2856
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

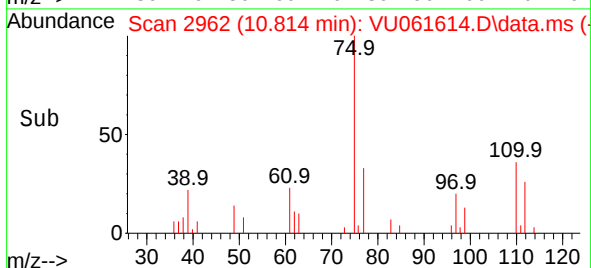
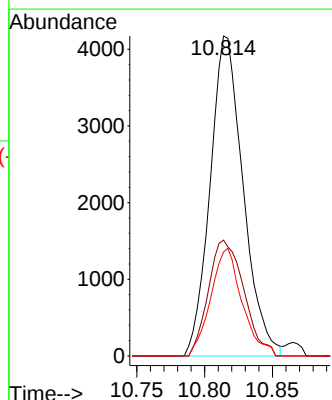
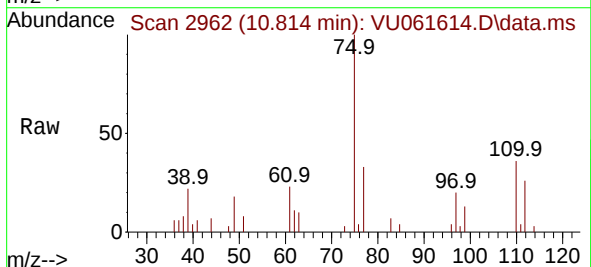
Instrument :
MSVOA_U
ClientSampleId :

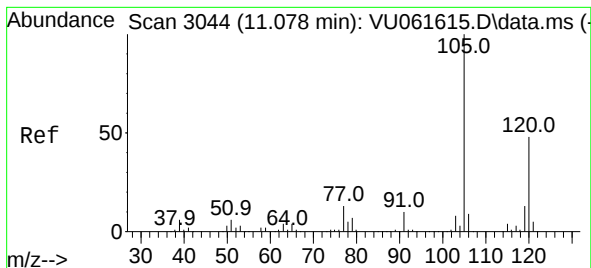
Tgt Ion:105 Resp: 48090
Ion Ratio Lower Upper
105 100
120 28.1 21.6 32.4
77 16.1 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 0.971 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU061614.D
Acq: 13 Nov 2024 09:07

Tgt Ion: 75 Resp: 7065
Ion Ratio Lower Upper
75 100
110 38.7 31.3 46.9
77 31.9 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 0.875 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

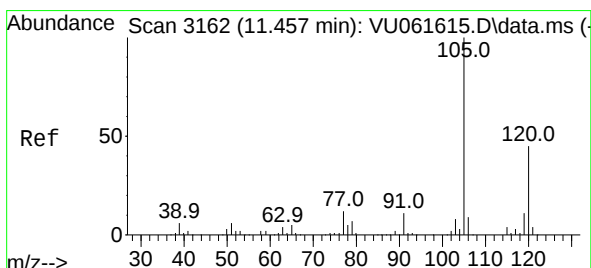
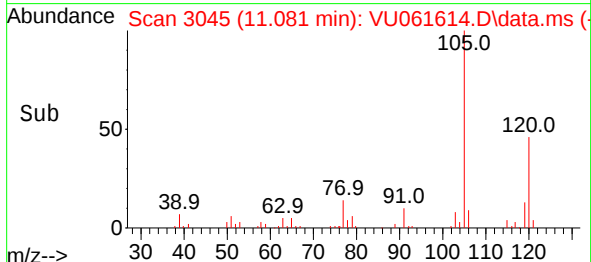
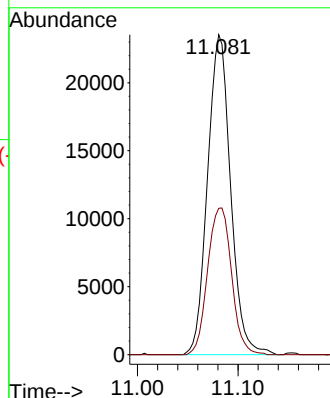
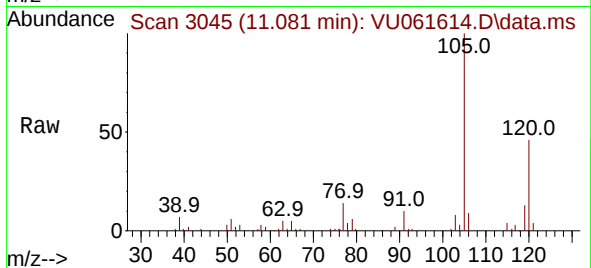
ClientSampleId :

Tgt Ion:105 Resp: 37517

Ion Ratio Lower Upper

105 100

120 47.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 0.853 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU061614.D

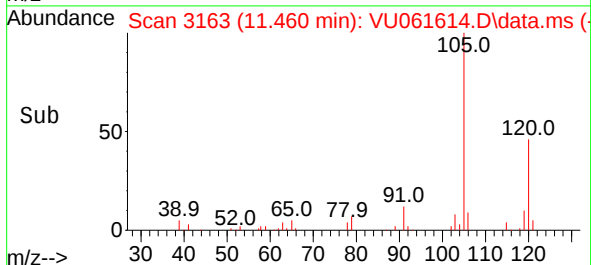
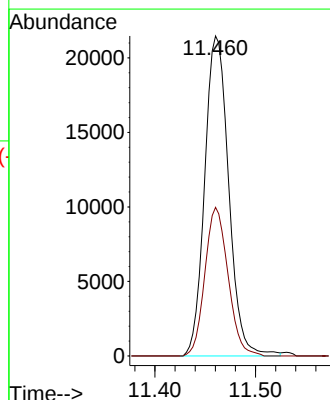
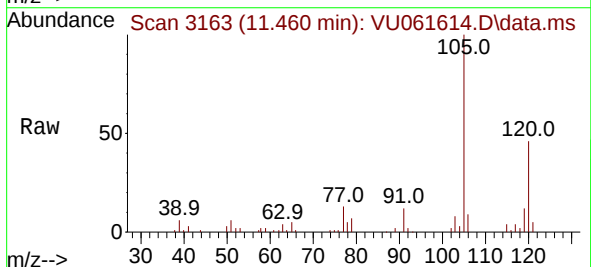
Acq: 13 Nov 2024 09:07

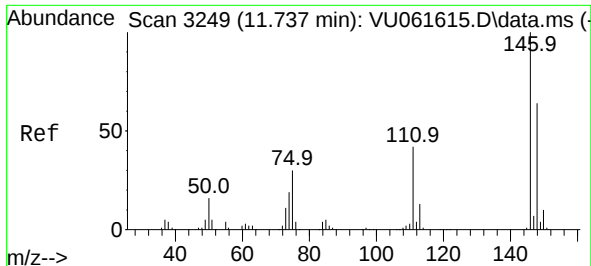
Tgt Ion:105 Resp: 35602

Ion Ratio Lower Upper

105 100

120 44.8 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 0.907 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

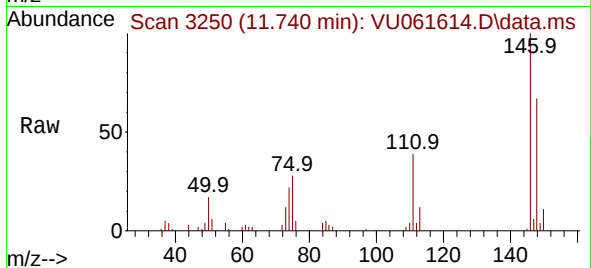
Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :



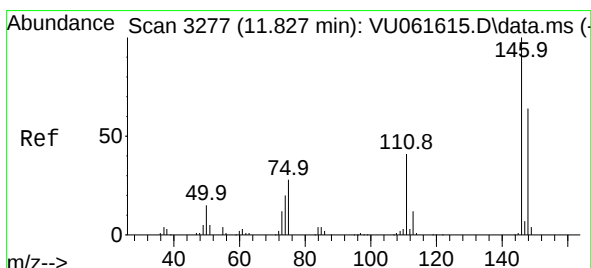
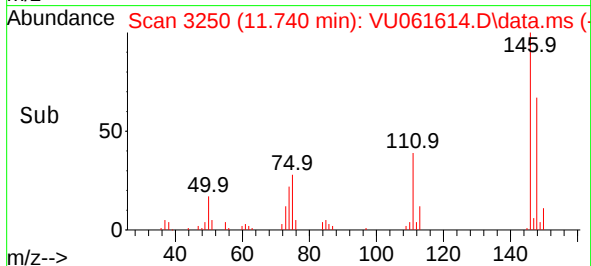
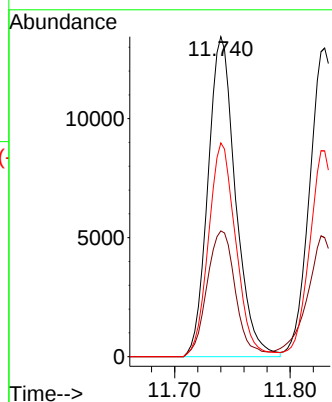
Tgt Ion:146 Resp: 22284

Ion Ratio Lower Upper

146 100

111 39.3 29.3 54.3

148 66.8 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 0.949 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

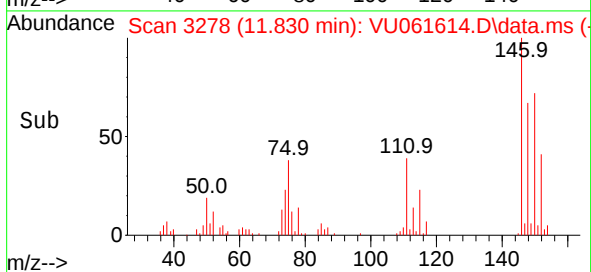
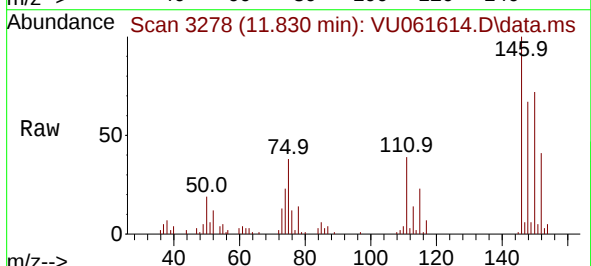
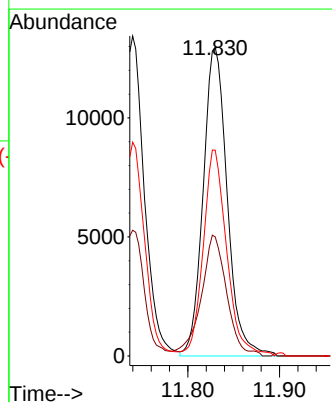
Tgt Ion:146 Resp: 23677

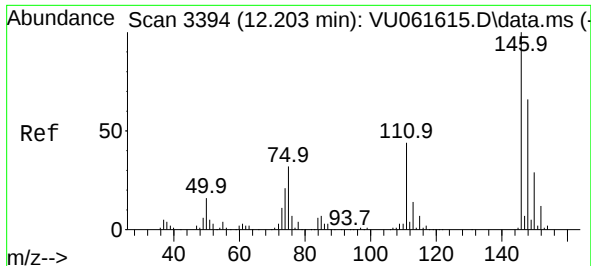
Ion Ratio Lower Upper

146 100

111 38.6 28.8 53.4

148 66.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.943 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :

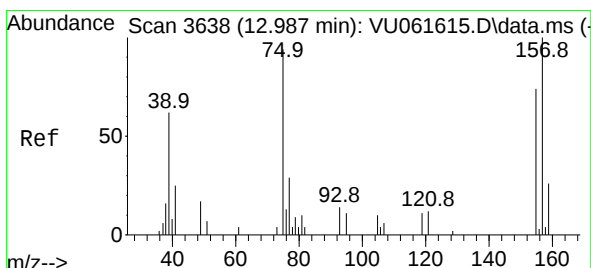
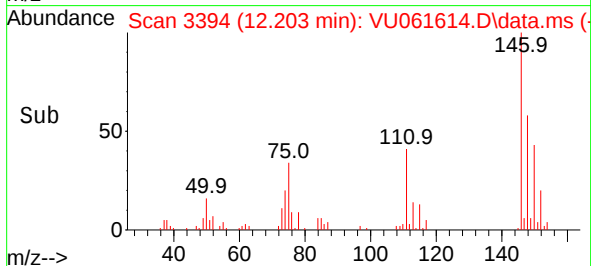
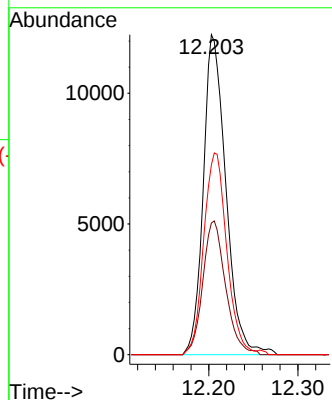
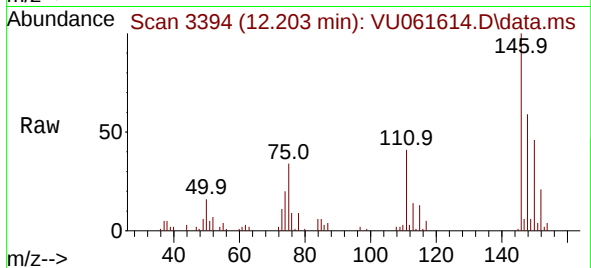
Tgt Ion:146 Resp: 21555

Ion Ratio Lower Upper

146 100

111 41.2 35.2 52.8

148 59.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.936 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

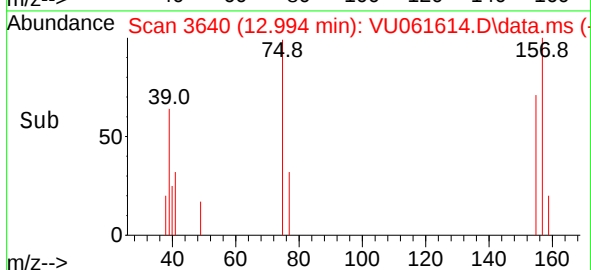
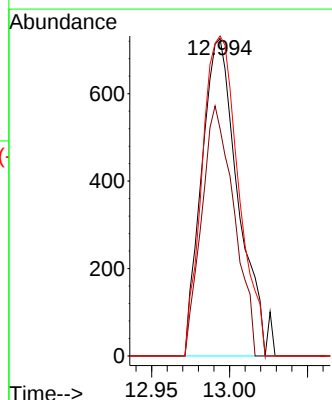
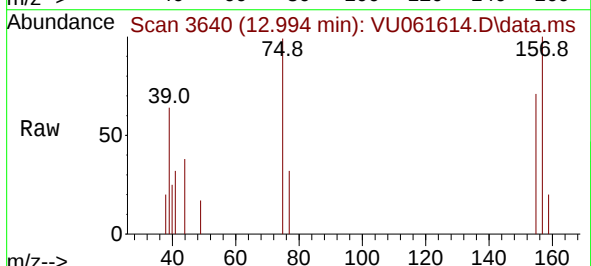
Tgt Ion: 75 Resp: 1189

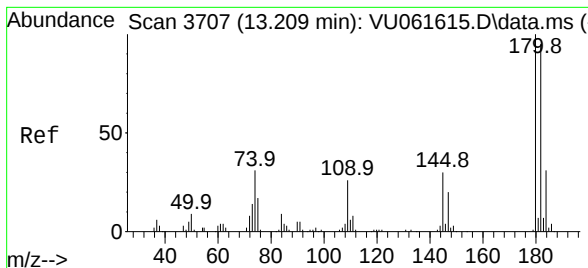
Ion Ratio Lower Upper

75 100

155 71.6 62.6 93.8

157 100.8 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 0.910 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.006 min

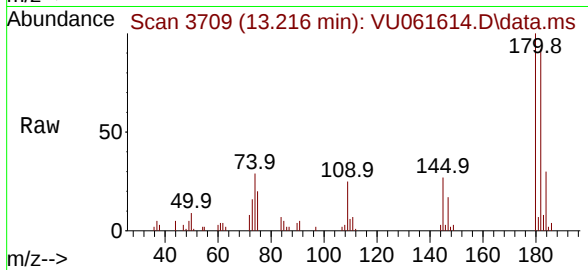
Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 15608

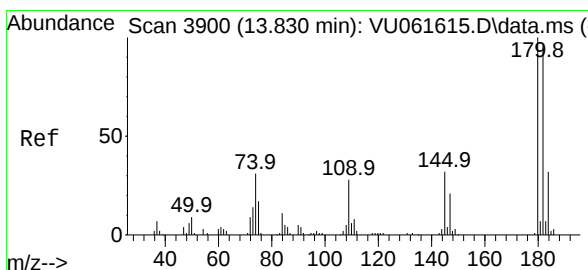
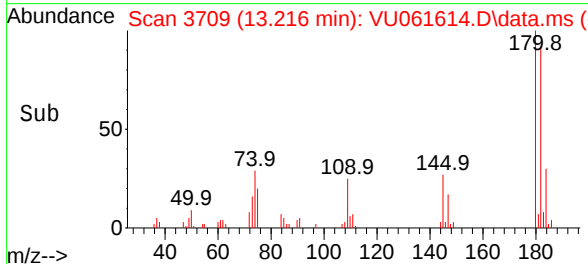
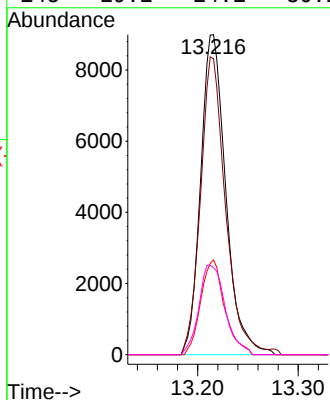
Ion Ratio Lower Upper

180 100

182 92.3 77.1 115.7

184 28.2 24.7 37.1

145 29.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 0.821 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.006 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

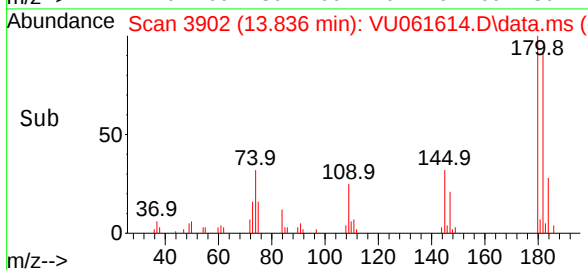
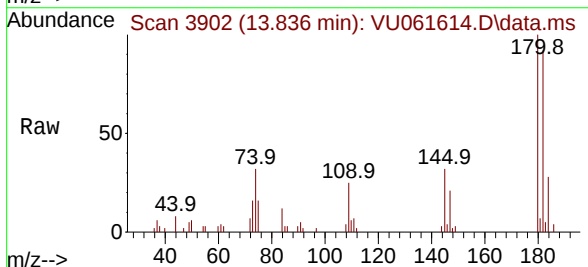
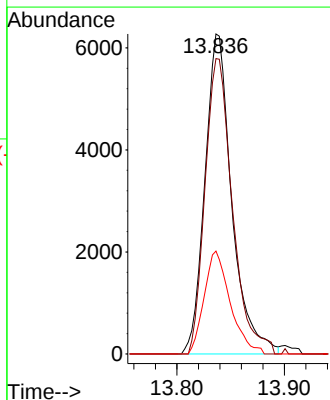
Tgt Ion:180 Resp: 10916

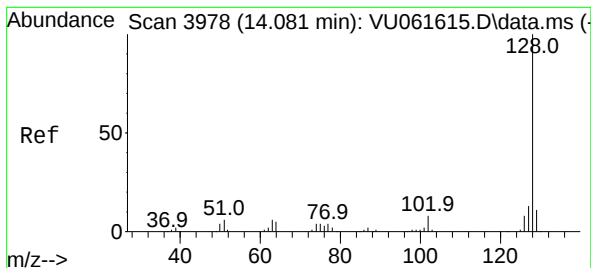
Ion Ratio Lower Upper

180 100

182 93.7 77.4 116.0

145 31.1 24.5 36.7





#71

Naphthalene

Concen: 0.720 ug/L

RT: 14.090 min Scan# 3978

Delta R.T. 0.010 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :

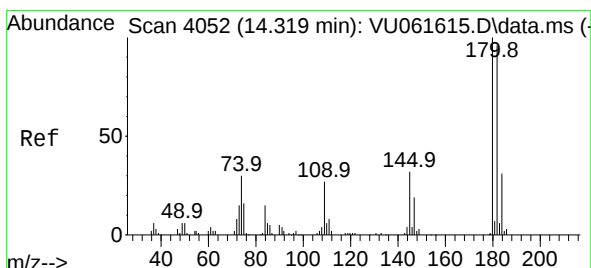
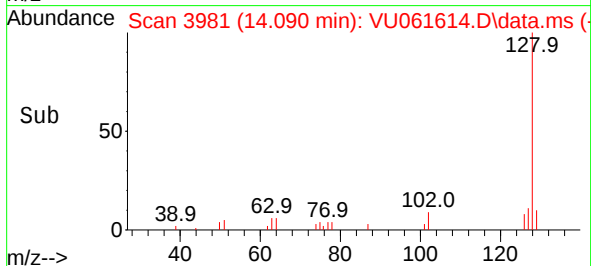
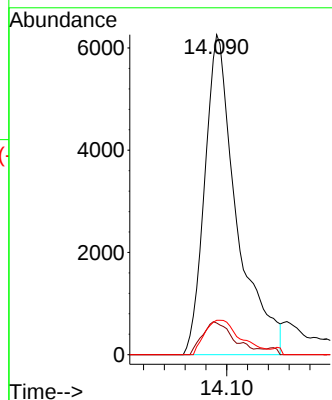
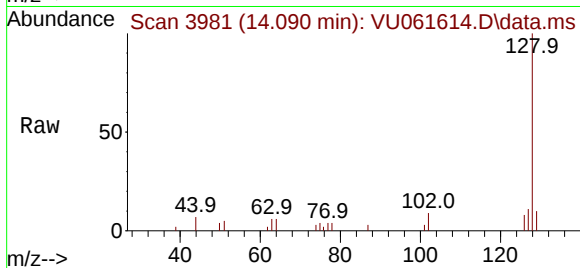
Tgt Ion:128 Resp: 13311

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 12.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.833 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.006 min

Lab File: VU061614.D

Acq: 13 Nov 2024 09:07

Tgt Ion:180 Resp: 9294

Ion Ratio Lower Upper

180 100

182 96.6 76.6 114.8

145 29.4 26.3 39.5

