

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061274.D
 Acq On : 28 Oct 2024 19:07
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 01:51:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	268310	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	262239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	144337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	379504	218.070	ug/L	0.00
7) Chloroethane-d5	1.895	69	329945	224.455	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	704866	225.293	ug/L	0.00
21) 2-Butanone-d5	4.605	46	670280	529.031	ug/L	0.00
24) Chloroform-d	5.049	84	825893	240.492	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	520256	250.212	ug/L	0.00
32) Benzene-d6	5.714	84	1667947	238.431	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	517204	239.193	ug/L	0.00
41) Toluene-d8	7.888	98	1611192	242.883	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	279602	271.425	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	610683	638.022	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	889145	265.580	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	651597	236.775	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	384773	222.463	ug/L	99
3) Chloromethane	1.515	50	352159	209.732	ug/L	100
5) Vinyl chloride	1.599	62	399053	204.944	ug/L	100
6) Bromomethane	1.833	94	283544	256.316	ug/L	100
8) Chloroethane	1.917	64	251593	199.712	ug/L	97
9) Trichlorofluoromethane	2.126	101	550167	202.914	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	317754	187.611	ug/L	100
12) 1,1-Dichloroethene	2.570	96	307997	192.915	ug/L	95
13) Acetone	2.615	43	430588	348.455	ug/L	96
14) Carbon disulfide	2.782	76	963396	230.360	ug/L	100
15) Methyl Acetate	2.936	43	379961	201.655	ug/L	100
16) Methylene chloride	3.033	84	368572	184.123	ug/L	99
17) trans-1,2-Dichloroethene	3.341	96	339923	205.626	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	1154666	212.632	ug/L	99
19) 1,1-Dichloroethane	3.856	63	638121	203.142	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	404516	202.450	ug/L	99
22) 2-Butanone	4.685	43	622421	402.675	ug/L	97
23) Bromochloromethane	4.962	128	209702	199.650	ug/L	96
25) Chloroform	5.074	83	685892	202.751	ug/L	97
27) 1,2-Dichloroethane	5.782	62	551294	212.708	ug/L	97
29) Cyclohexane	5.377	56	584618	233.568	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	595841	211.587	ug/L	99
31) Carbon tetrachloride	5.512	117	521590	222.687	ug/L	100
33) Benzene	5.763	78	1514779	207.892	ug/L	100
34) Trichloroethene	6.531	95	405848	208.727	ug/L	99
35) Methylcyclohexane	6.753	83	633157	230.115	ug/L	99
37) 1,2-Dichloropropane	6.779	63	398222	200.783	ug/L	99
38) Bromodichloromethane	7.094	83	536303	212.180	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	692469	225.547	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	1158298	450.980	ug/L	99
42) Toluene	7.959	91	1707238	215.441	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	657733	231.445	ug/L	99

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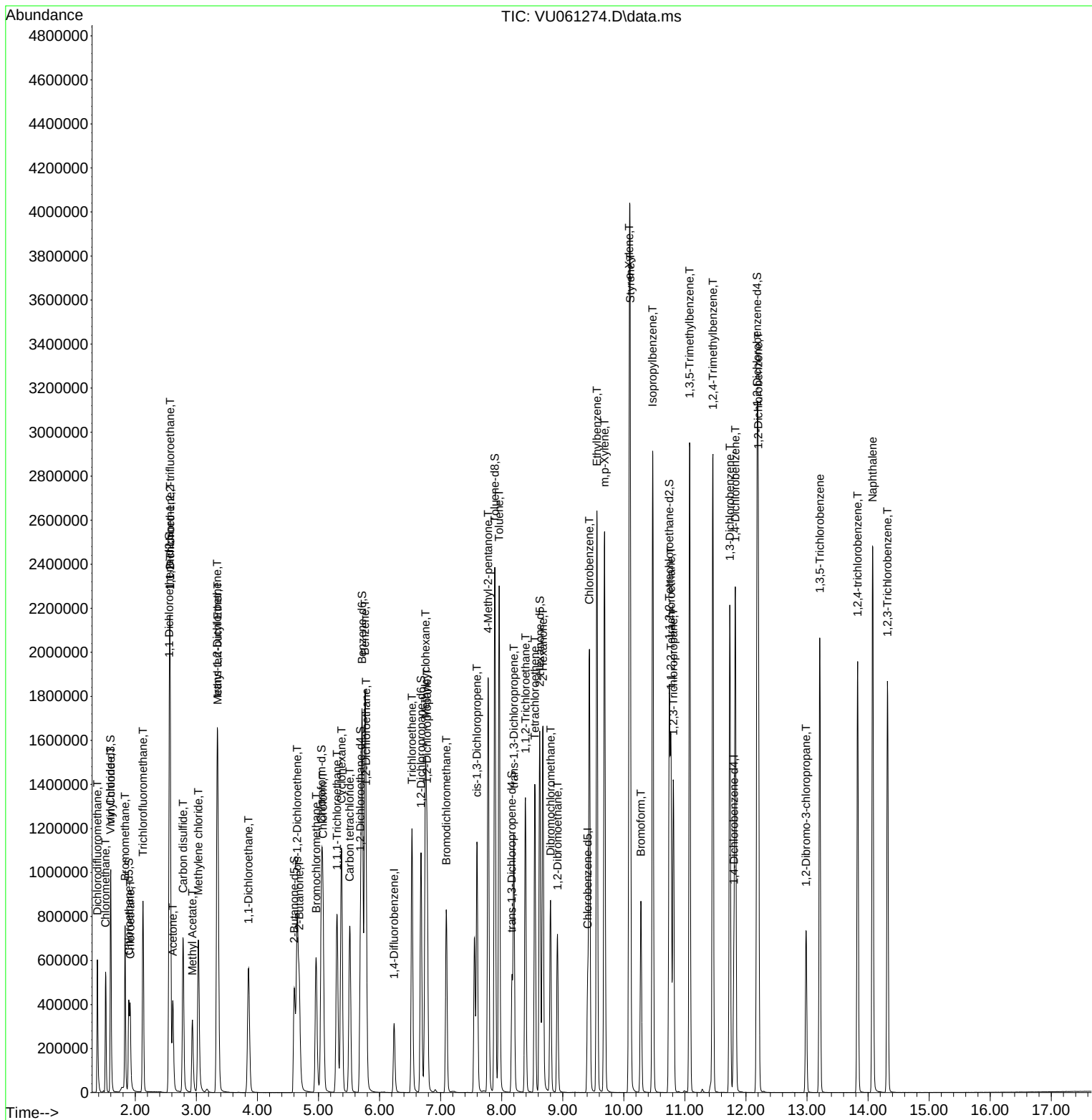
Instrument :
 MSVOA_U
 ClientSampleId :

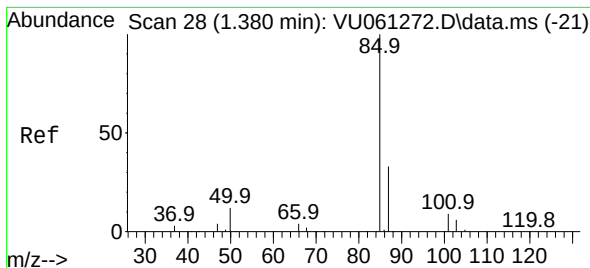
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	414308	200.282	ug/L	99
46) Tetrachloroethene	8.544	164	297570	191.619	ug/L	98
48) 2-Hexanone	8.676	43	992004	462.670	ug/L	99
49) Dibromochloromethane	8.801	129	448740	219.210	ug/L	98
50) 1,2-Dibromoethane	8.914	107	469940	215.051	ug/L	98
51) Chlorobenzene	9.438	112	1096814	209.324	ug/L	99
52) Ethylbenzene	9.560	91	1919334	225.432	ug/L	100
53) m,p-Xylene	9.685	106	747257	226.329	ug/L	99
54) o-Xylene	10.090	106	736264	230.788	ug/L	96
55) Styrene	10.106	104	1264122	237.389	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	769580	218.901	ug/L	99
59) Bromoform	10.280	173	379002	215.460	ug/L #	98
60) 1,2,3-Trichloropropane	10.811	75	589145	205.980	ug/L	99
61) Isopropylbenzene	10.473	105	1933735	220.518	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	1607728	243.816	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1618085	234.413	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	891551	202.329	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	900365	197.604	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	903644	202.380	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	188178	239.242	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	619431	196.287	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	578207	203.743	ug/L	100
71) Naphthalene	14.077	128	2011198	242.585	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	560569	199.663	ug/L	99

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

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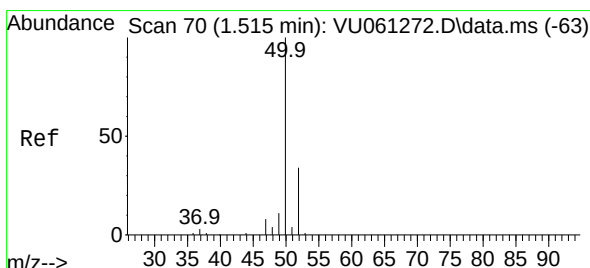
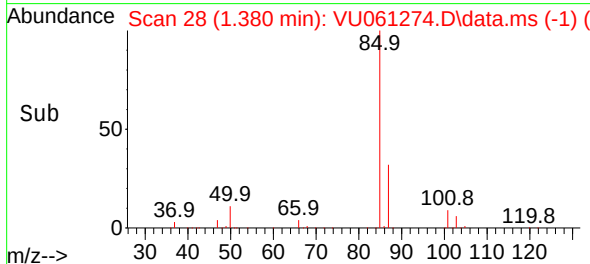
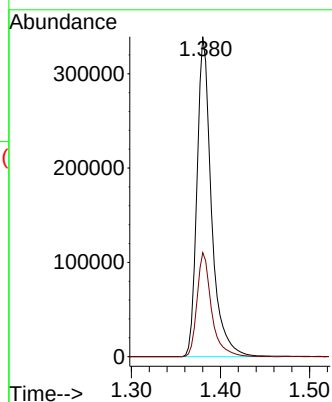
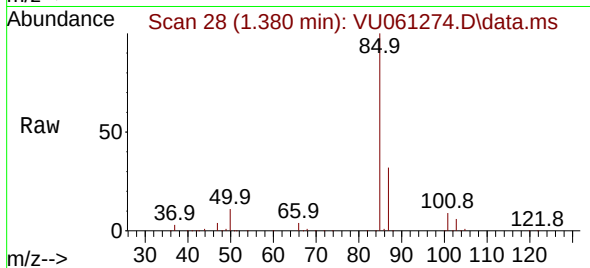




#2
Dichlorodifluoromethane
Concen: 222.463 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

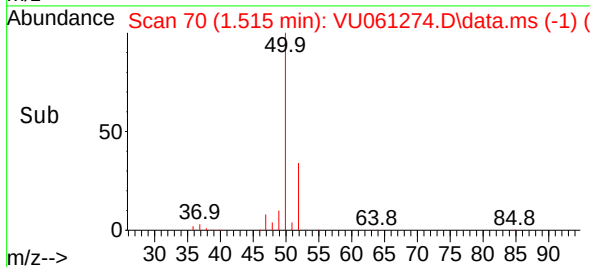
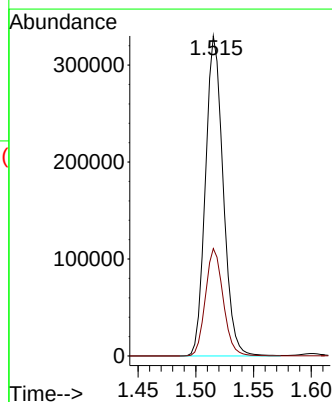
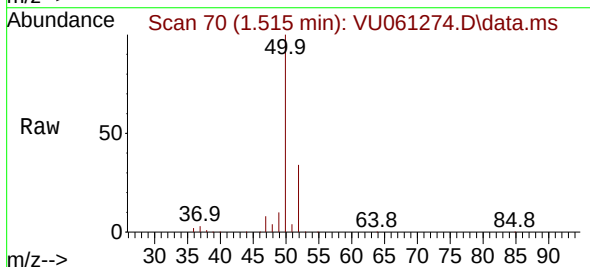
Instrument :
MSVOA_U
ClientSampleId :

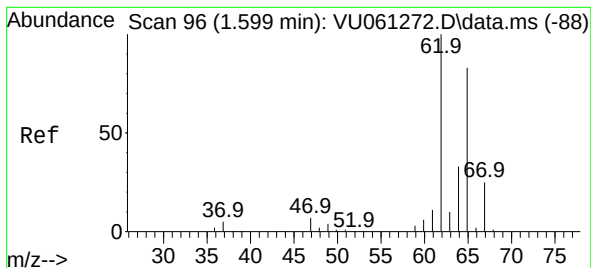
Tgt Ion: 85 Resp: 384773
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 209.732 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion: 50 Resp: 352159
Ion Ratio Lower Upper
50 100
52 33.6 23.6 43.8





#5

Vinyl chloride

Concen: 204.944 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

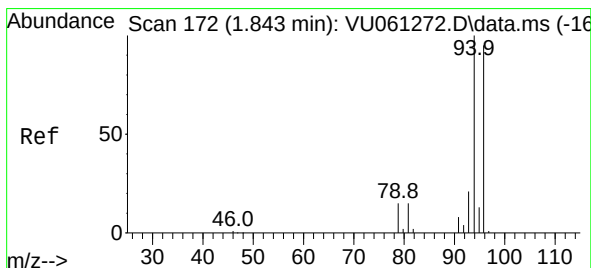
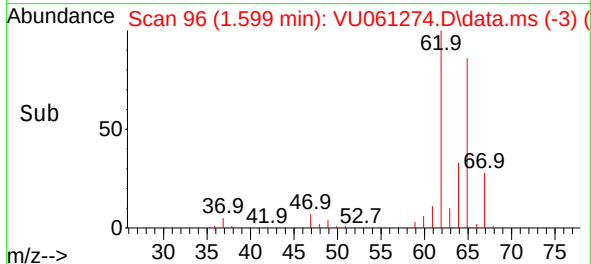
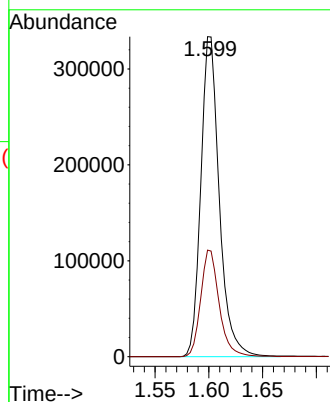
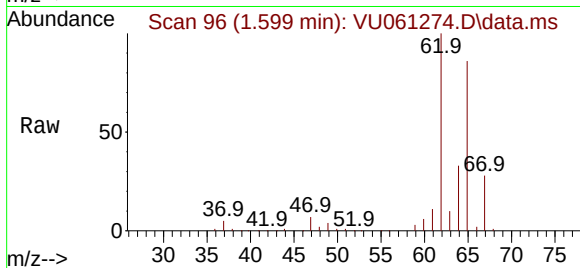
ClientSampleId :

Tgt Ion: 62 Resp: 399053

Ion Ratio Lower Upper

62 100

64 33.3 23.4 43.4



#6

Bromomethane

Concen: 256.316 ug/L

RT: 1.833 min Scan# 169

Delta R.T. -0.010 min

Lab File: VU061274.D

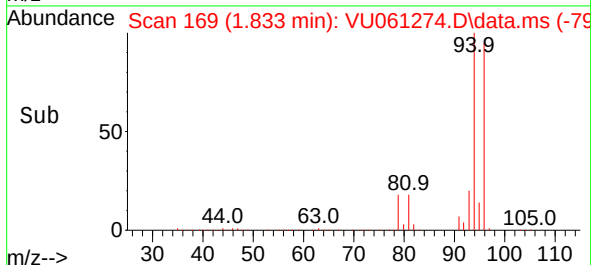
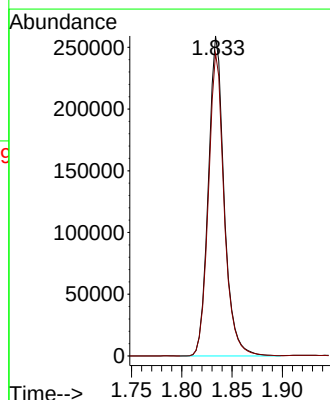
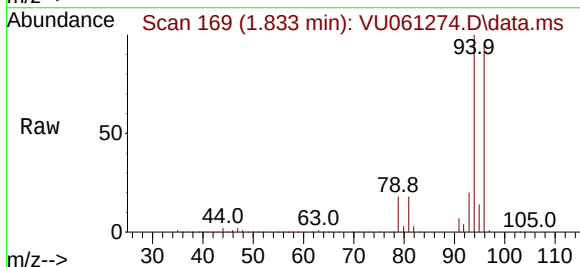
Acq: 28 Oct 2024 19:07

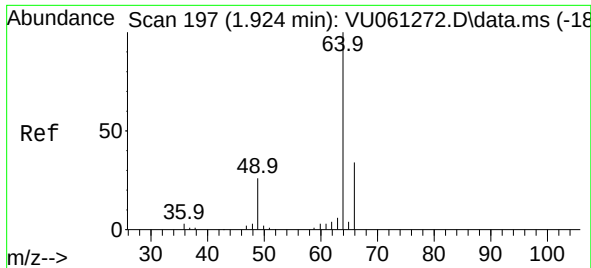
Tgt Ion: 94 Resp: 283544

Ion Ratio Lower Upper

94 100

96 94.6 66.1 122.8





#8

Chloroethane

Concen: 199.712 ug/L

RT: 1.917 min Scan# 1

Delta R.T. -0.006 min MSVOA_U

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

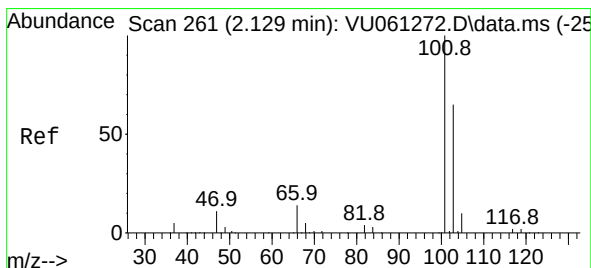
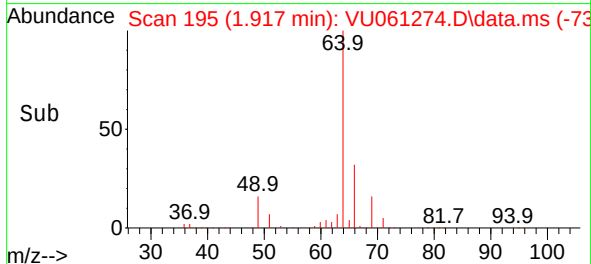
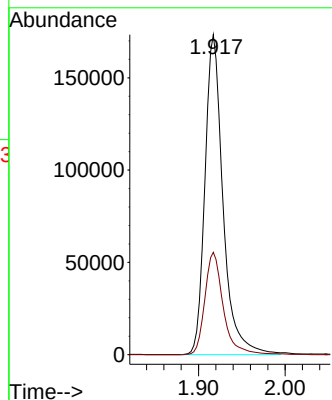
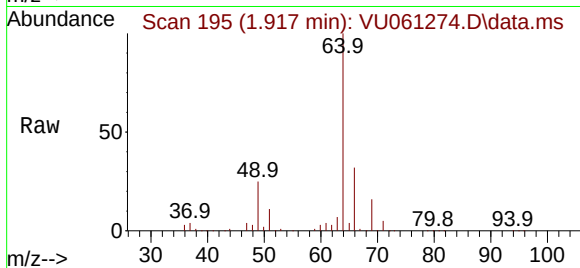
ClientSampleId :

Tgt Ion: 64 Resp: 251593

Ion Ratio Lower Upper

64 100

66 32.0 23.6 43.8



#9

Trichlorofluoromethane

Concen: 202.914 ug/L

RT: 2.126 min Scan# 260

Delta R.T. -0.003 min

Lab File: VU061274.D

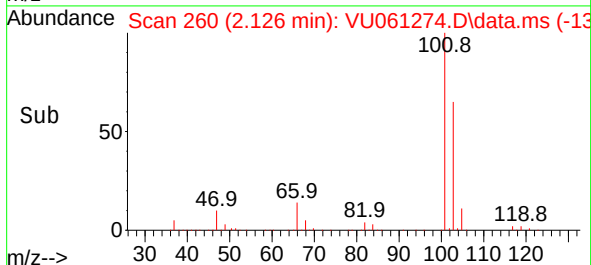
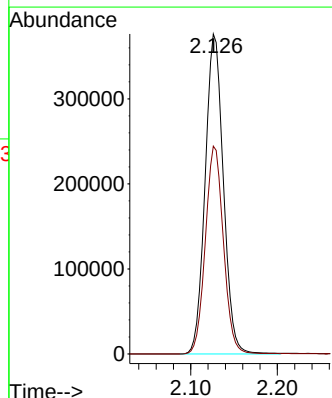
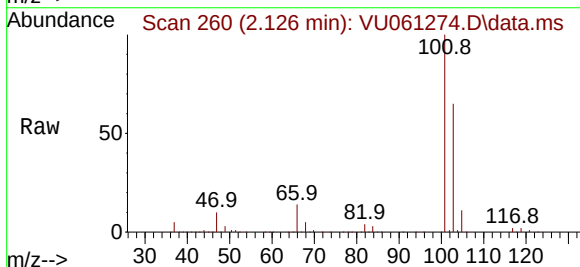
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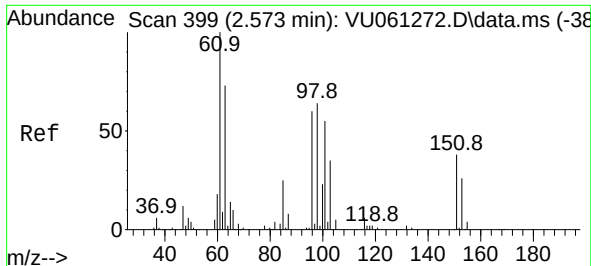
Tgt Ion:101 Resp: 550167

Ion Ratio Lower Upper

101 100

103 64.4 51.6 77.4

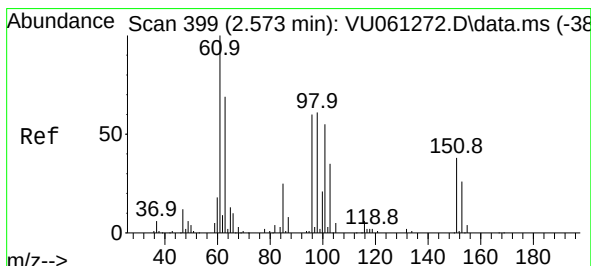
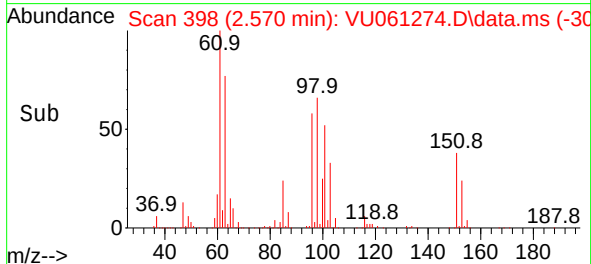
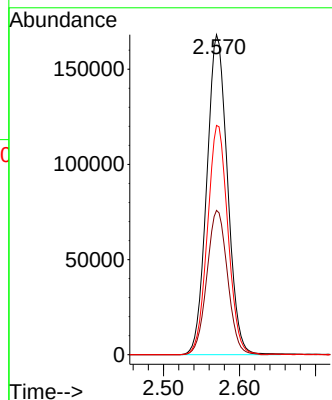
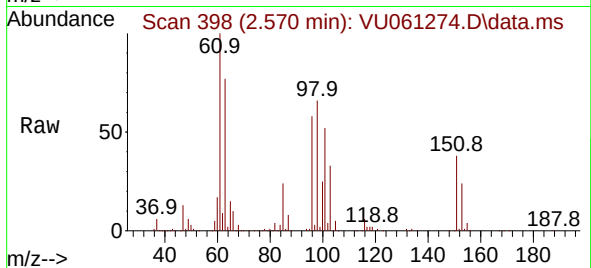




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 187.611 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

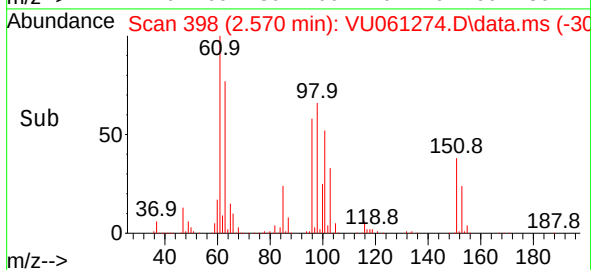
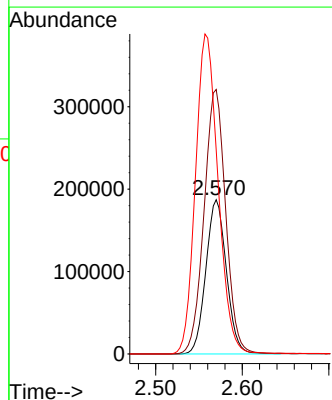
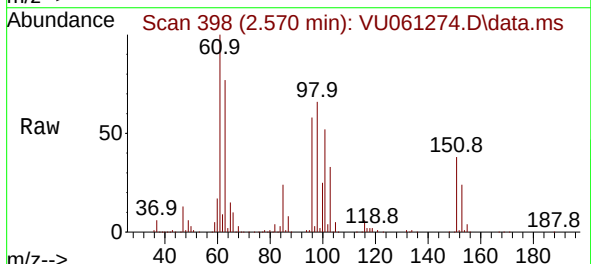
Instrument :
MSVOA_U
ClientSampleId :

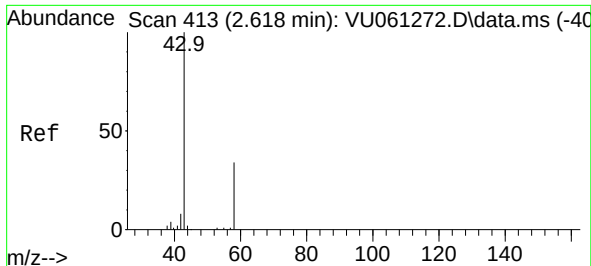
Tgt Ion:101 Resp: 317754
Ion Ratio Lower Upper
101 100
85 45.1 36.4 54.6
151 70.9 57.0 85.4



#12
1,1-Dichloroethene
Concen: 192.915 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion: 96 Resp: 307997
Ion Ratio Lower Upper
96 100
61 171.6 117.1 217.5
63 132.4 86.6 160.8





#13

Acetone

Concen: 348.455 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.003 min

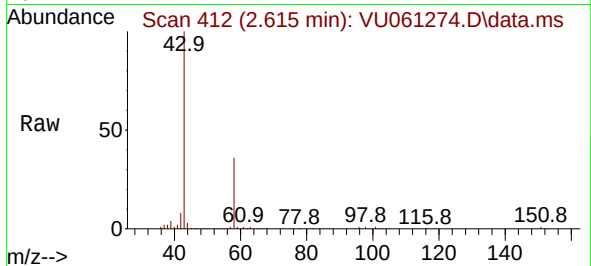
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Instrument :

MSVOA_U

ClientSampleId :

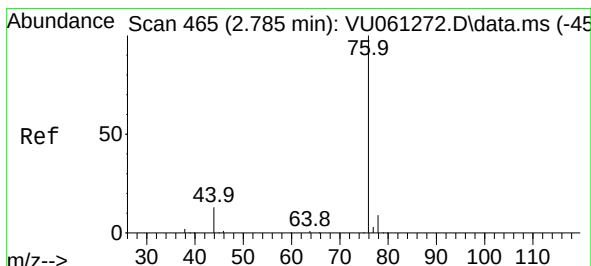
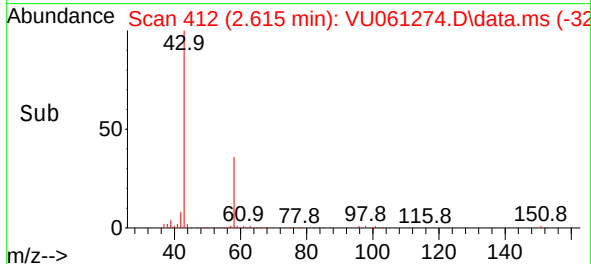
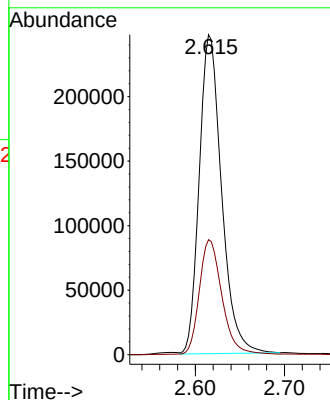


Tgt Ion: 43 Resp: 430588

Ion Ratio Lower Upper

43 100

58 36.3 0.0 68.2



#14

Carbon disulfide

Concen: 230.360 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU061274.D

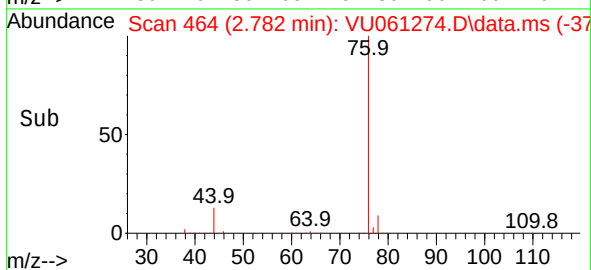
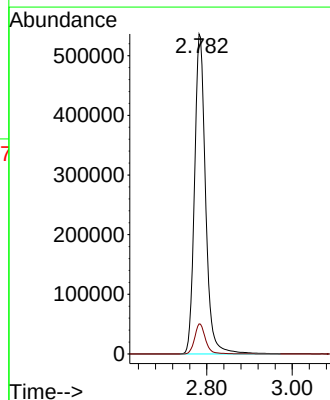
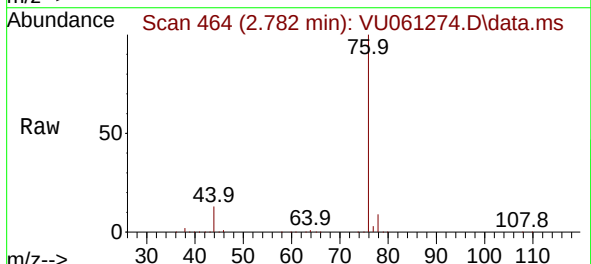
Acq: 28 Oct 2024 19:07

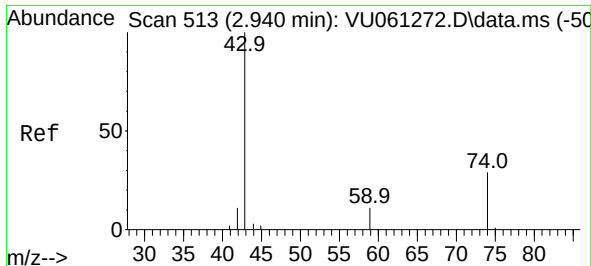
Tgt Ion: 76 Resp: 963396

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 201.655 ug/L

RT: 2.936 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

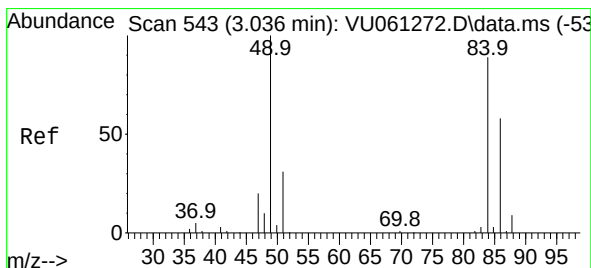
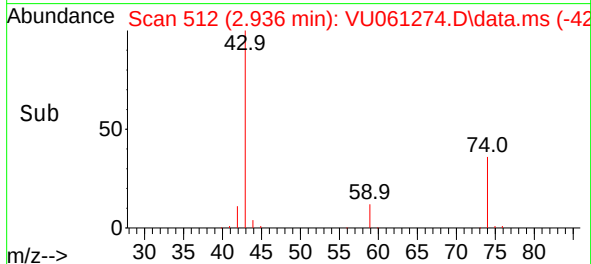
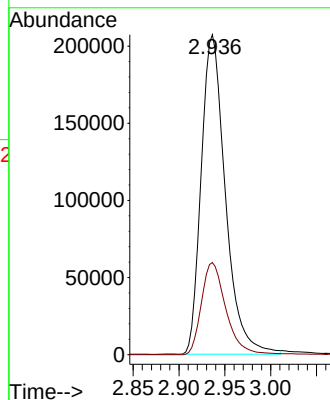
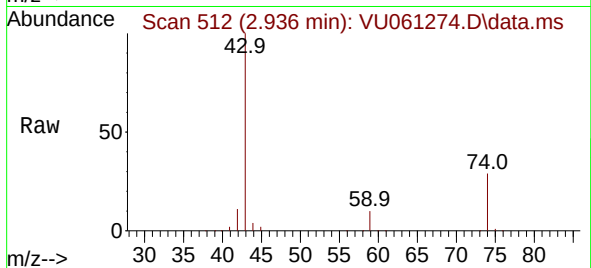
ClientSampleId :

Tgt Ion: 43 Resp: 379961

Ion Ratio Lower Upper

43 100

74 29.1 23.2 34.8



#16

Methylene chloride

Concen: 184.123 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

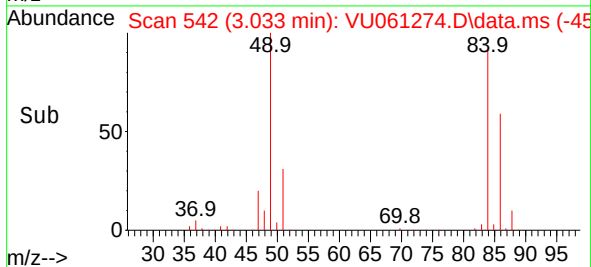
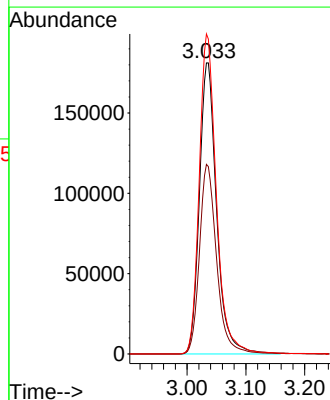
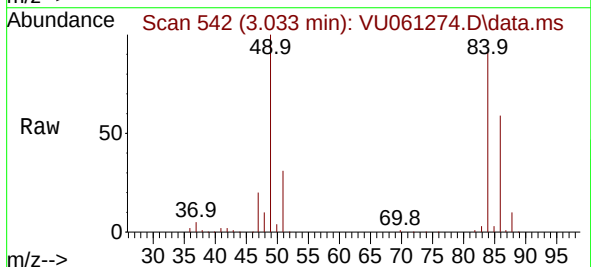
Tgt Ion: 84 Resp: 368572

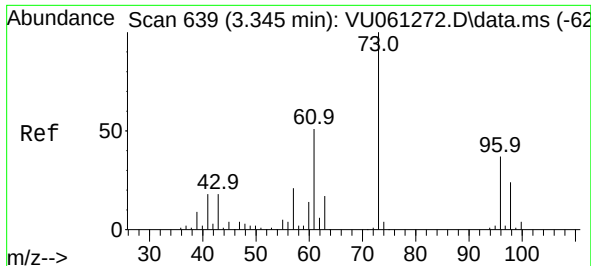
Ion Ratio Lower Upper

84 100

86 65.1 45.3 84.1

49 109.9 78.3 145.5

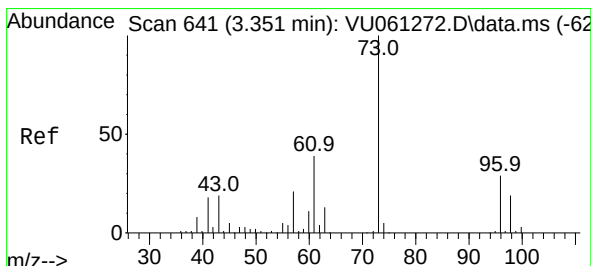
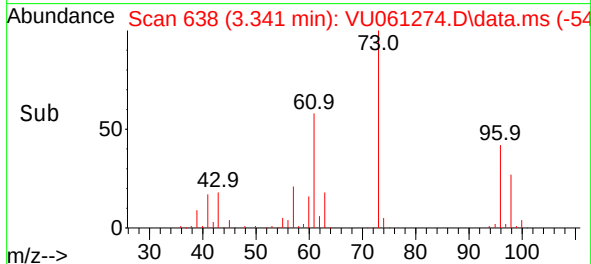
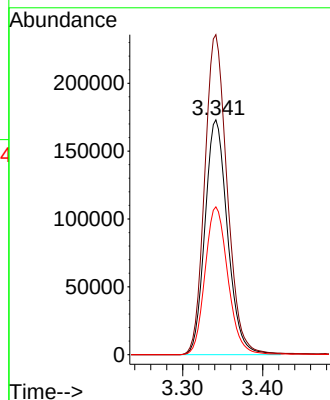
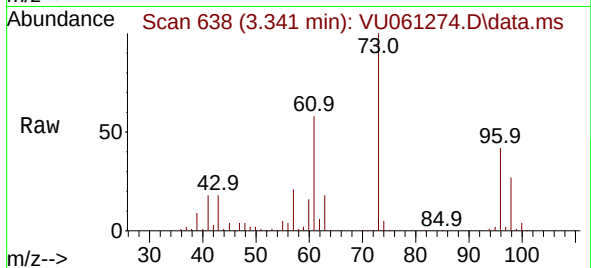




#17
trans-1,2-Dichloroethene
Concen: 205.626 ug/L
RT: 3.341 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

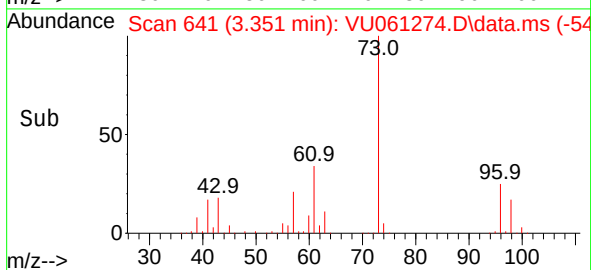
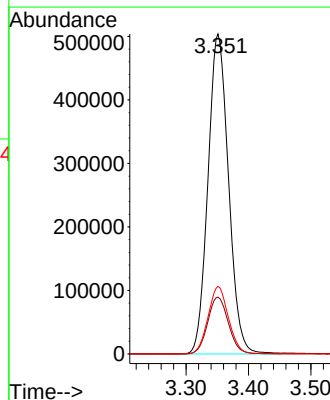
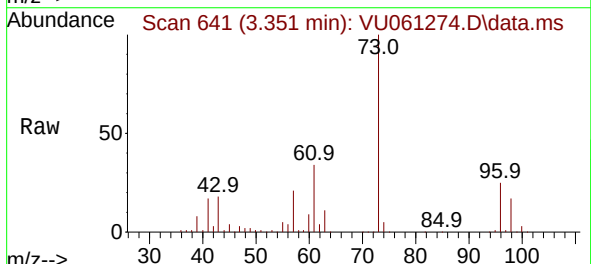
Instrument :
MSVOA_U
ClientSampleId :

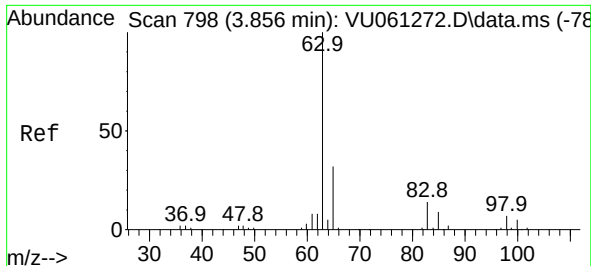
Tgt Ion: 96 Resp: 339923
Ion Ratio Lower Upper
96 100
61 136.2 95.3 177.1
98 62.9 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 212.632 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion: 73 Resp: 1154666
Ion Ratio Lower Upper
73 100
43 17.9 14.8 22.2
57 21.0 17.0 25.6





#19

1,1-Dichloroethane

Concen: 203.142 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

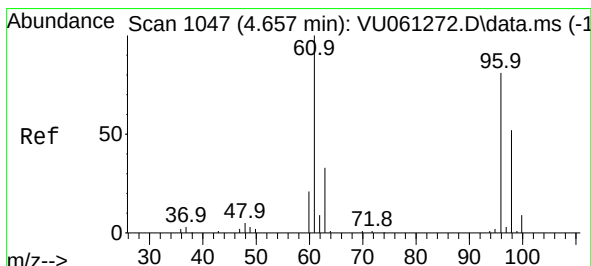
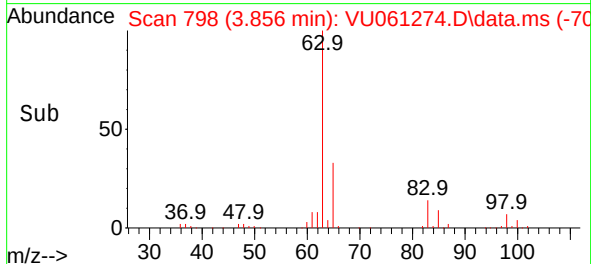
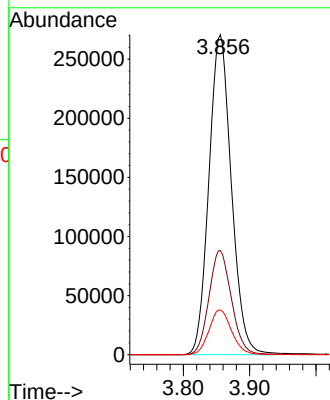
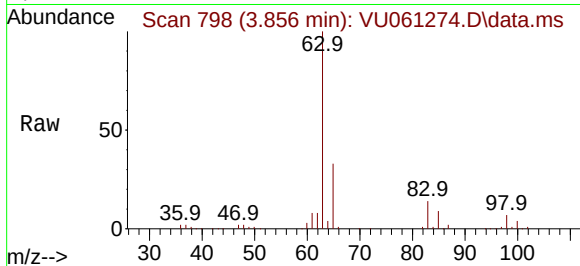
Tgt Ion: 63 Resp: 638121

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.3

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 202.450 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

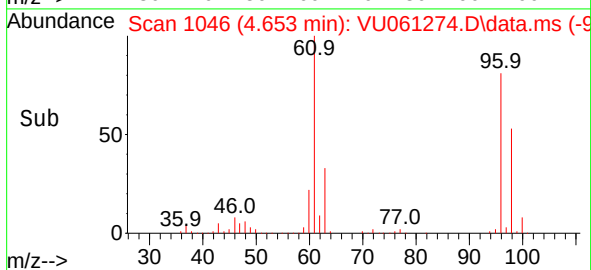
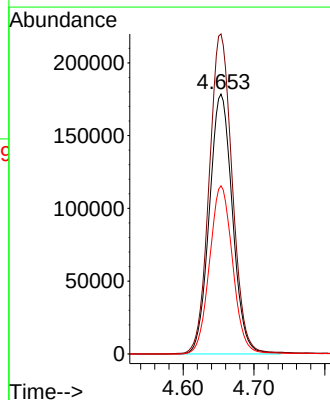
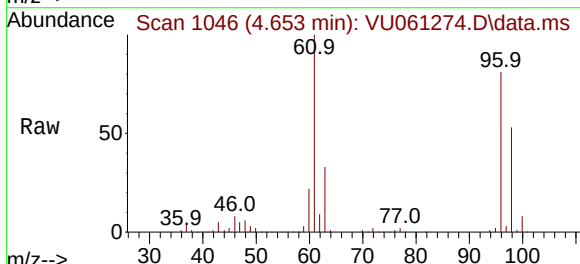
Tgt Ion: 96 Resp: 404516

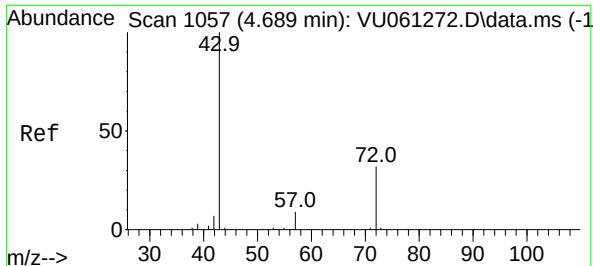
Ion Ratio Lower Upper

96 100

61 123.1 87.2 161.9

98 64.7 45.2 84.0

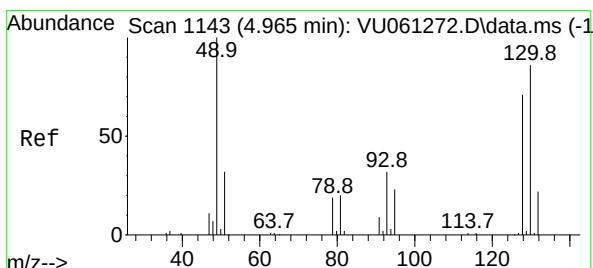
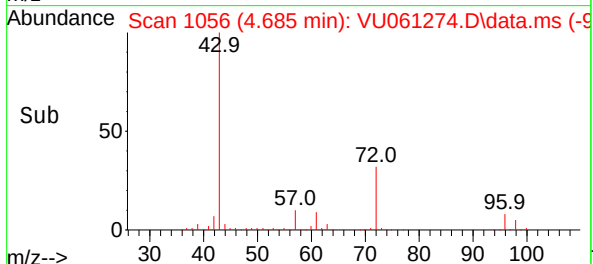
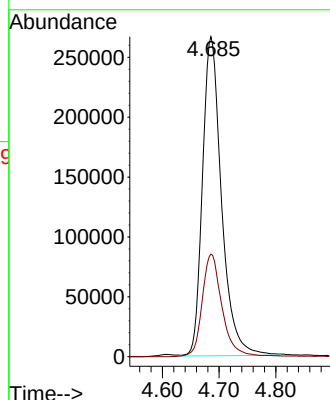
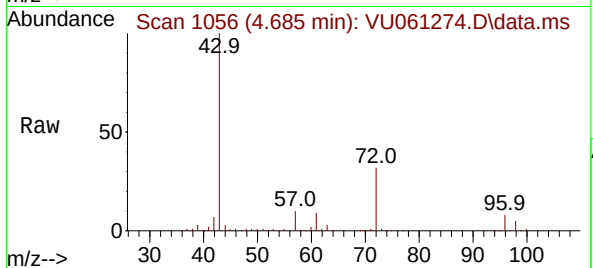




#22
2-Butanone
Concen: 402.675 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

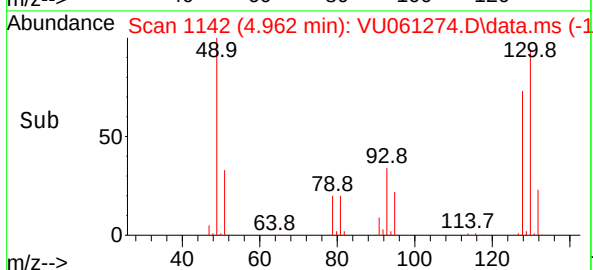
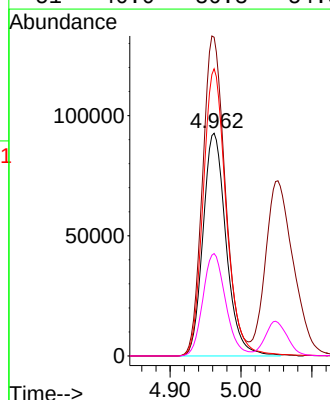
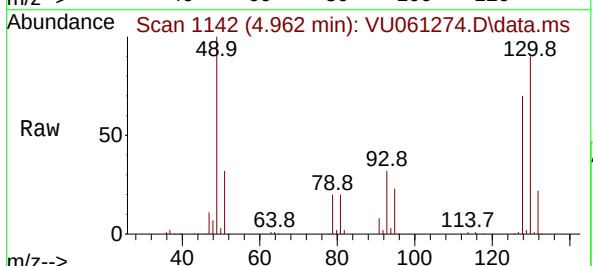
Instrument :
MSVOA_U
ClientSampleId :

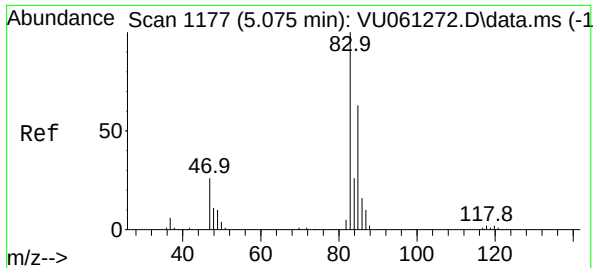
Tgt Ion: 43 Resp: 622421
Ion Ratio Lower Upper
43 100
72 33.4 15.8 47.4



#23
Bromochloromethane
Concen: 199.650 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion:128 Resp: 209702
Ion Ratio Lower Upper
128 100
49 143.1 98.7 183.3
130 129.0 85.0 157.8
51 46.0 36.3 54.5





#25

Chloroform

Concen: 202.751 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

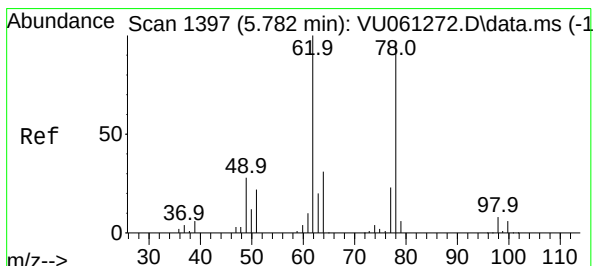
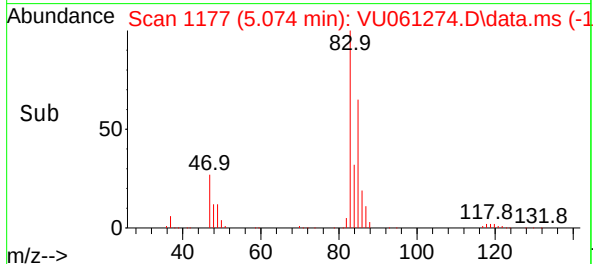
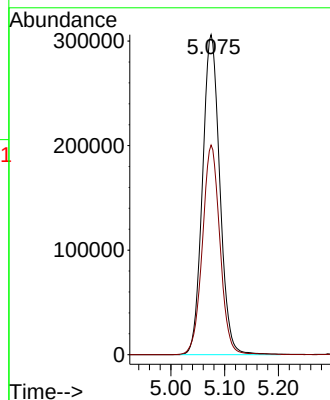
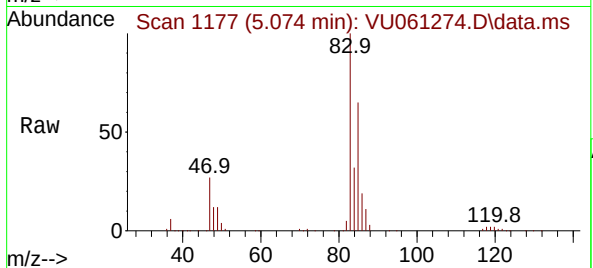
ClientSampleId :

Tgt Ion: 83 Resp: 685892

Ion Ratio Lower Upper

83 100

85 65.5 44.3 82.3



#27

1,2-Dichloroethane

Concen: 212.708 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU061274.D

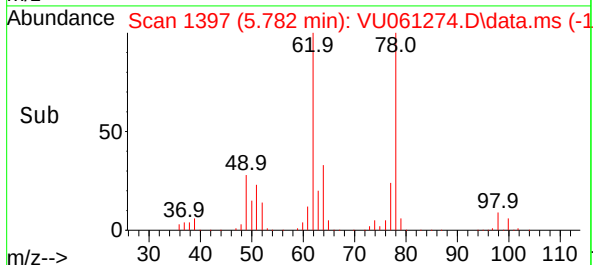
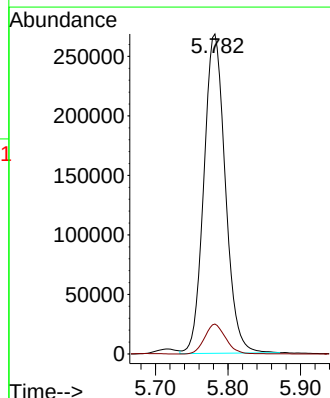
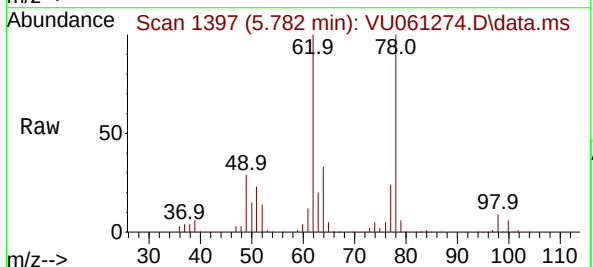
Acq: 28 Oct 2024 19:07

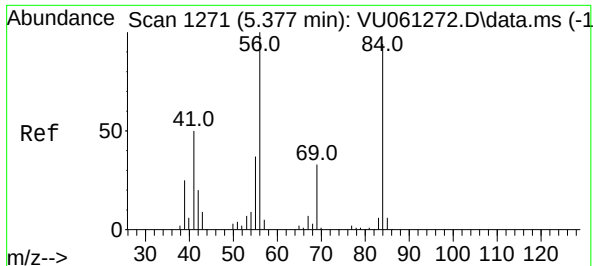
Tgt Ion: 62 Resp: 551294

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0





#29

Cyclohexane

Concen: 233.568 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

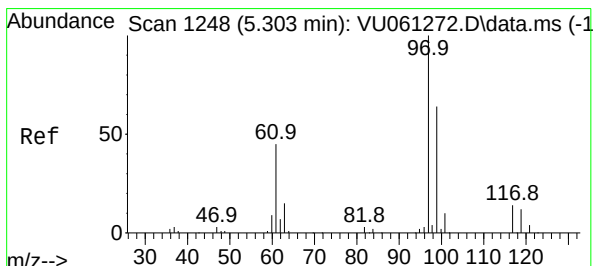
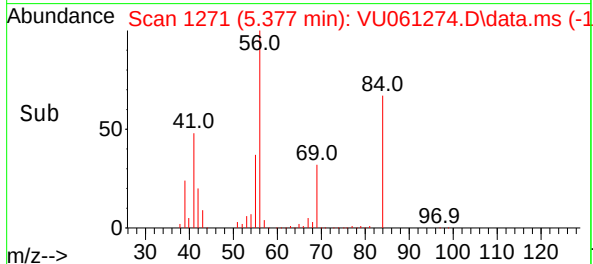
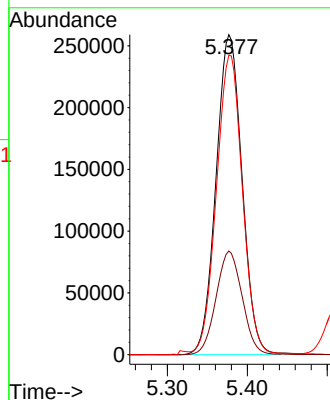
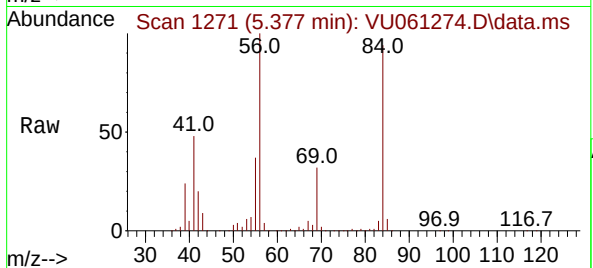
Tgt Ion: 56 Resp: 584618

Ion Ratio Lower Upper

56 100

69 32.4 26.3 39.5

84 94.0 74.6 112.0



#30

1,1,1-Trichloroethane

Concen: 211.587 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

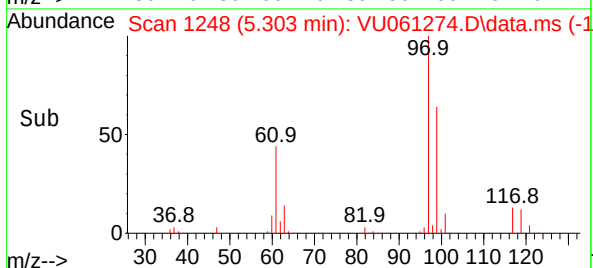
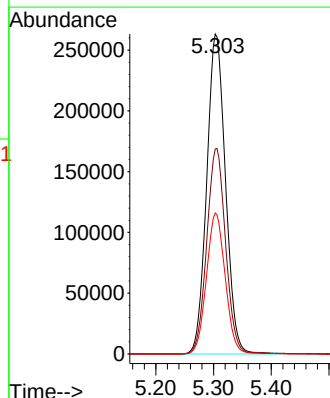
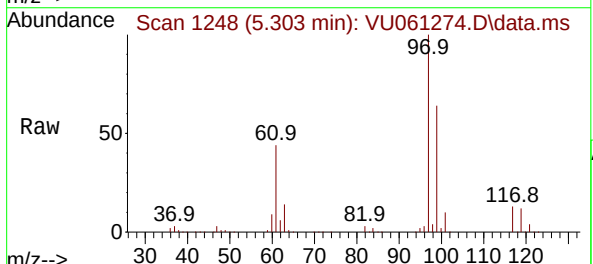
Tgt Ion: 97 Resp: 595841

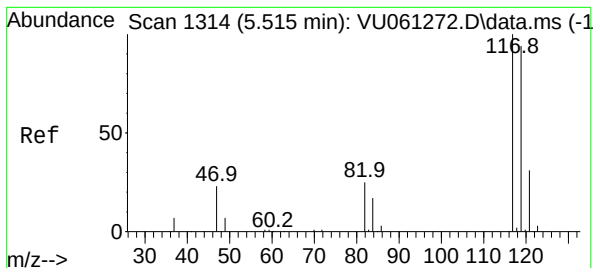
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

61 43.8 35.9 53.9





#31

Carbon tetrachloride

Concen: 222.687 ug/L

RT: 5.512 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

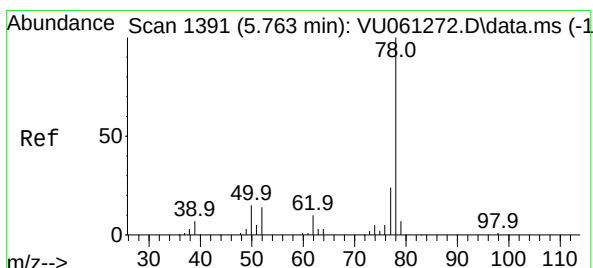
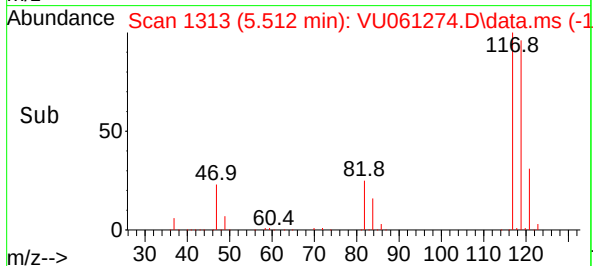
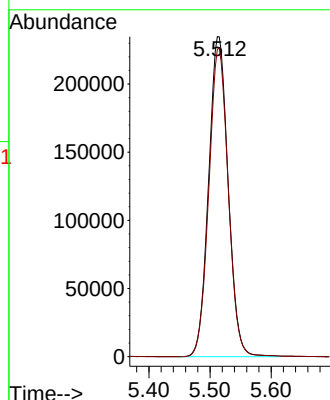
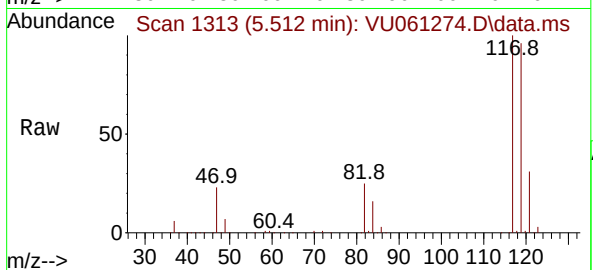
ClientSampleId :

Tgt Ion:117 Resp: 521590

Ion Ratio Lower Upper

117 100

119 95.8 76.7 115.1



#33

Benzene

Concen: 207.892 ug/L

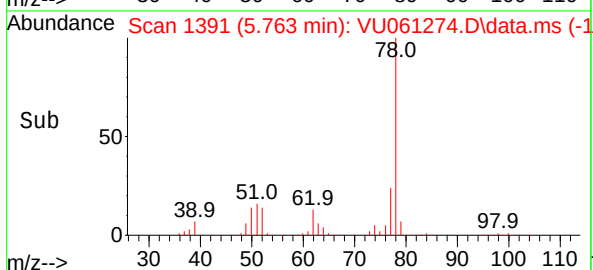
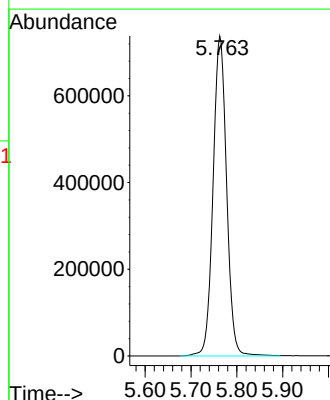
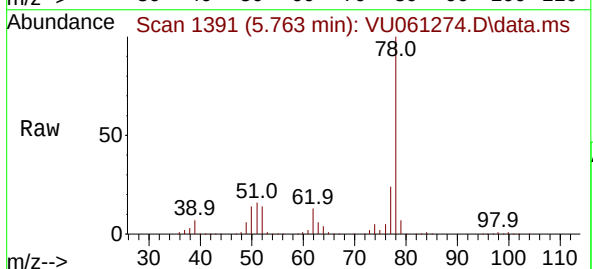
RT: 5.763 min Scan# 1391

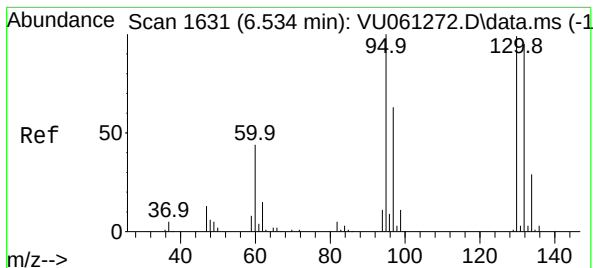
Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Tgt Ion: 78 Resp: 1514779





#34

Trichloroethene

Concen: 208.727 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 405848

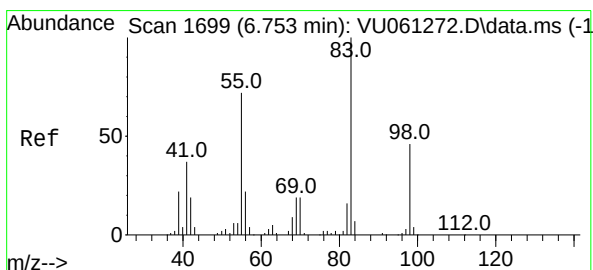
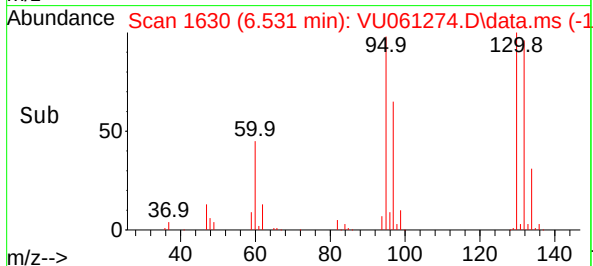
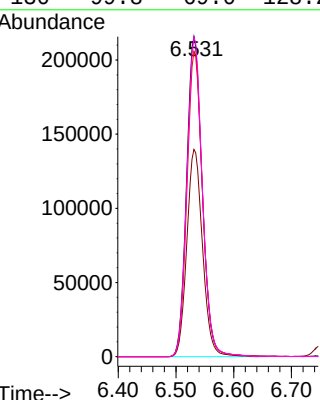
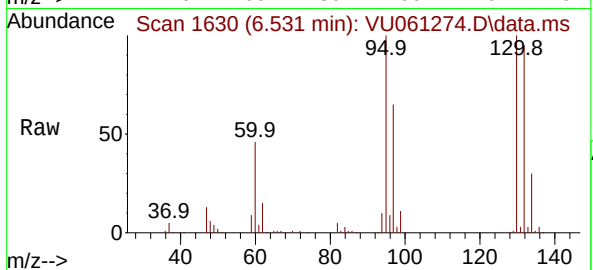
Ion Ratio Lower Upper

95 100

97 64.7 44.2 82.0

132 95.5 66.6 123.6

130 99.8 69.0 128.2



#35

Methylcyclohexane

Concen: 230.115 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

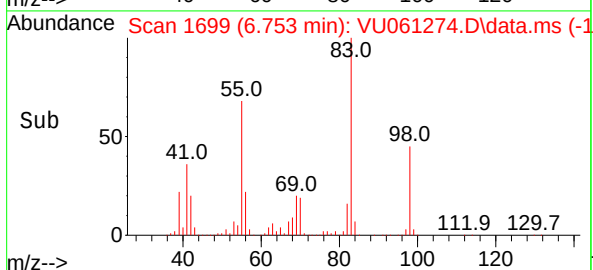
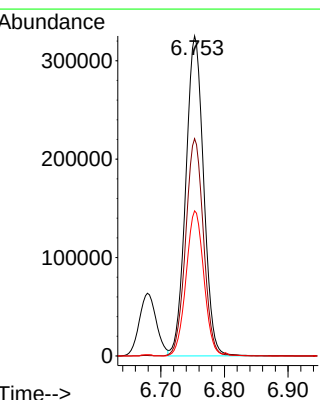
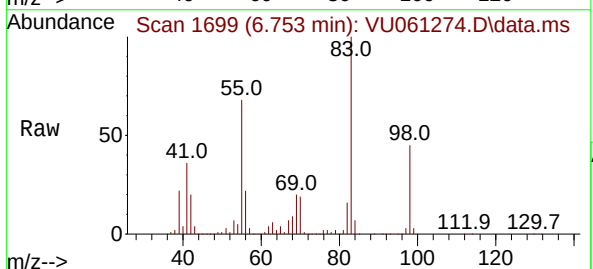
Tgt Ion: 83 Resp: 633157

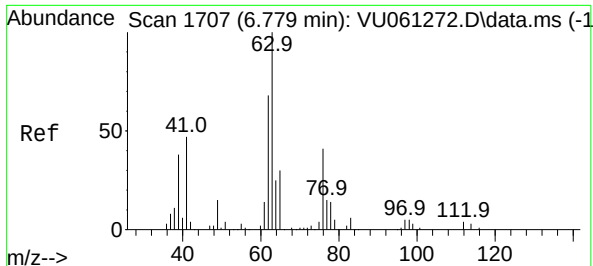
Ion Ratio Lower Upper

83 100

55 67.7 55.1 82.7

98 45.2 36.7 55.1

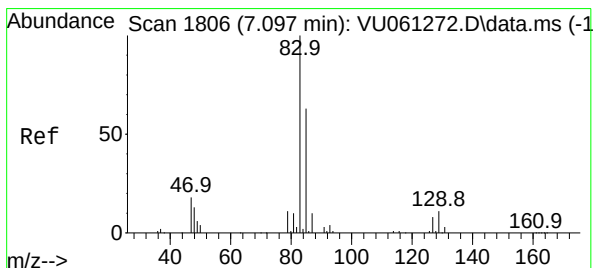
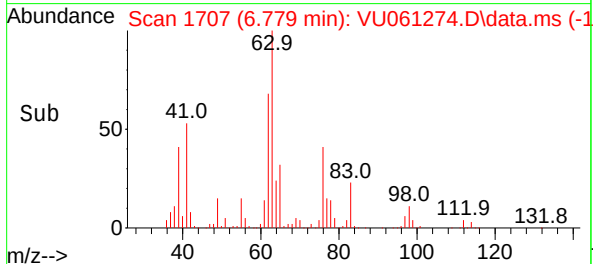
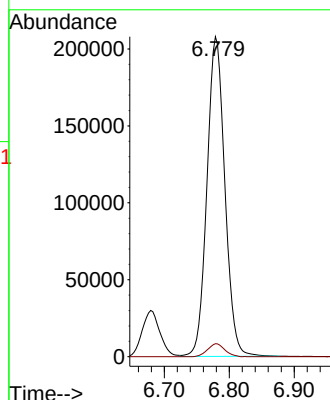
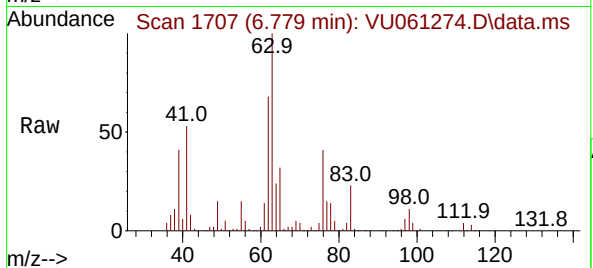




#37
1,2-Dichloropropane
Concen: 200.783 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

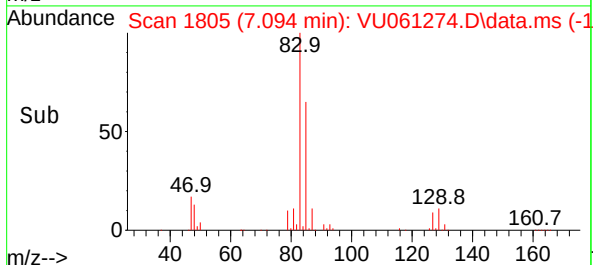
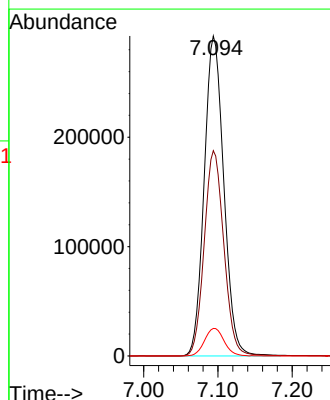
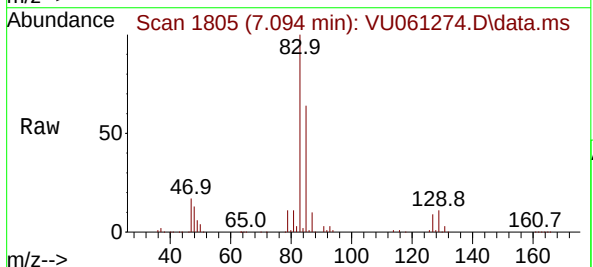
Instrument :
MSVOA_U
ClientSampleId :

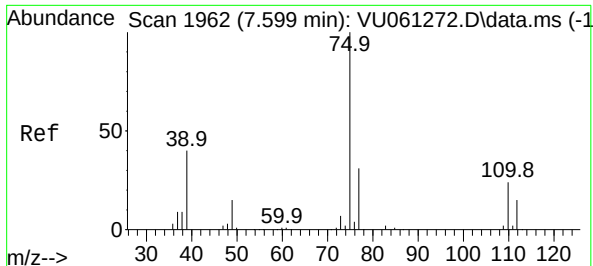
Tgt Ion: 63 Resp: 398222
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 212.180 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion: 83 Resp: 536303
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.0
127 8.6 6.3 9.5

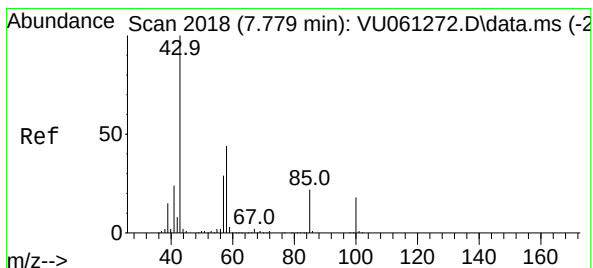
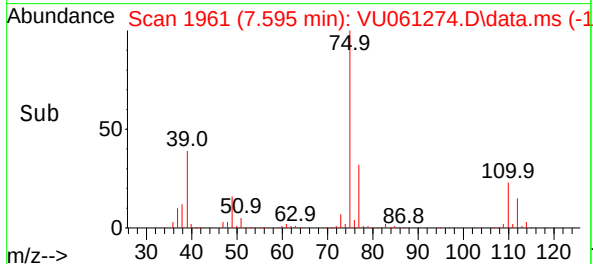
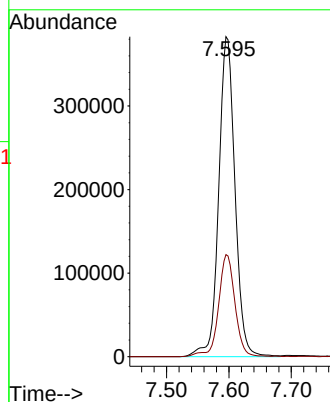
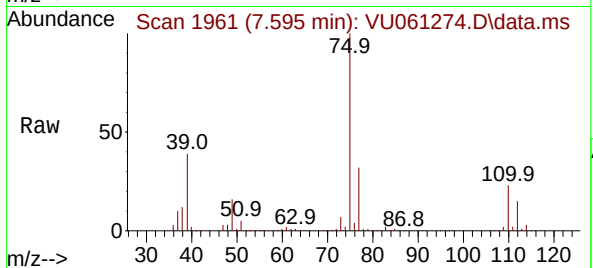




#39
cis-1,3-Dichloropropene
Concen: 225.547 ug/L
RT: 7.595 min Scan# 1961
Delta R.T. -0.003 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

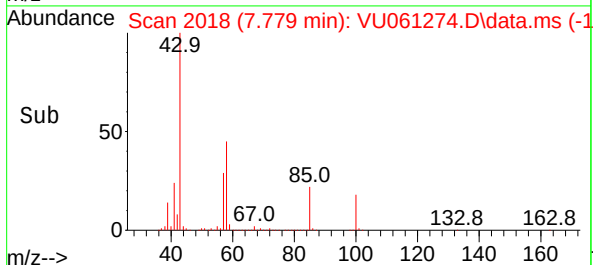
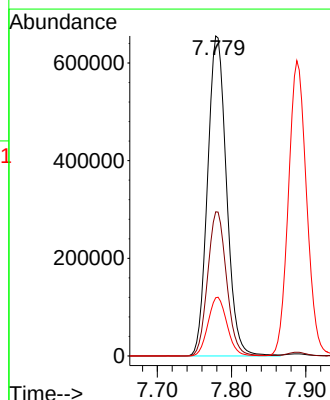
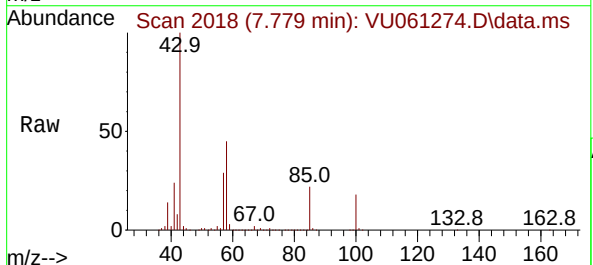
Instrument :
MSVOA_U
ClientSampleId :

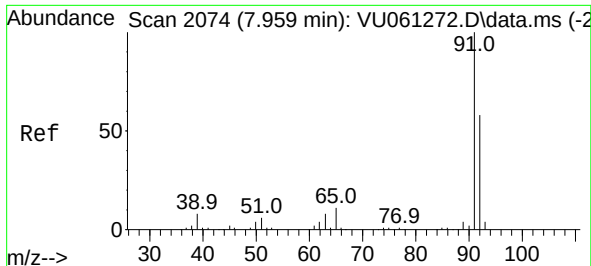
Tgt Ion: 75 Resp: 692469
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 450.980 ug/L
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion: 43 Resp: 1158298
Ion Ratio Lower Upper
43 100
58 45.1 35.2 52.8
100 18.4 14.4 21.6





#42

Toluene

Concen: 215.441 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

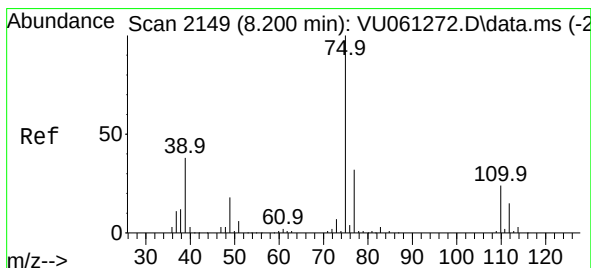
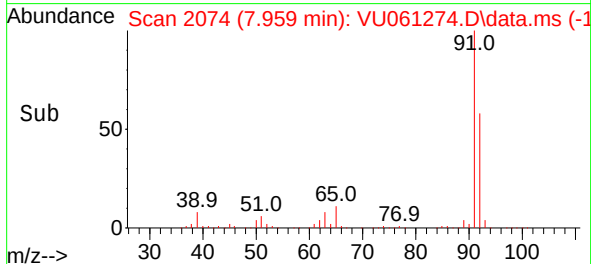
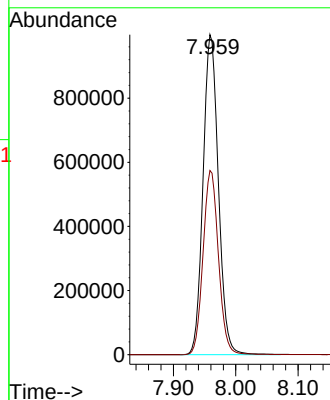
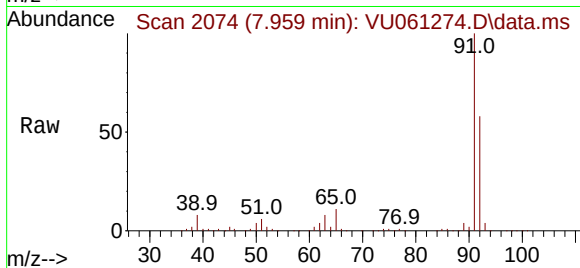
ClientSampleId :

Tgt Ion: 91 Resp: 1707238

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 231.445 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU061274.D

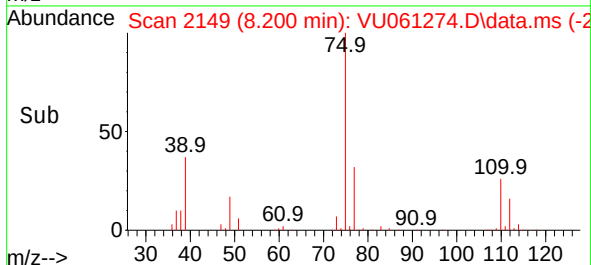
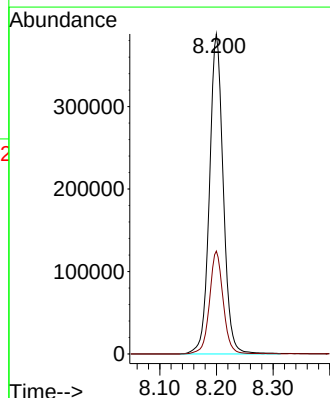
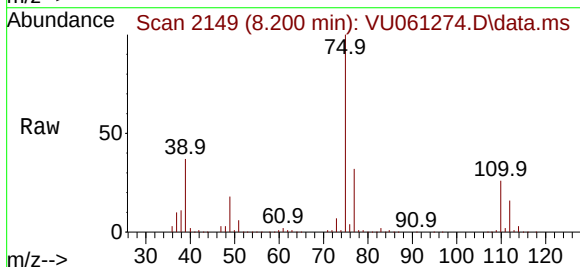
Acq: 28 Oct 2024 19:07

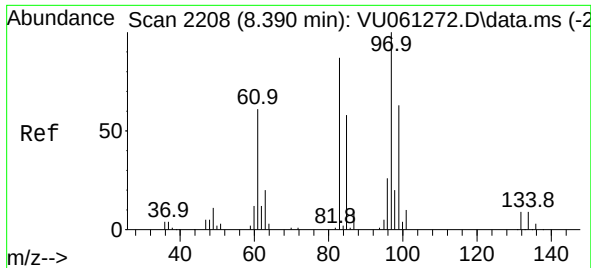
Tgt Ion: 75 Resp: 657733

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2

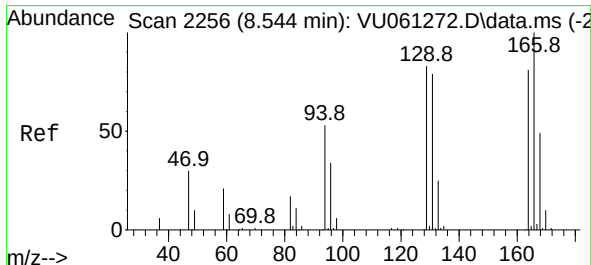
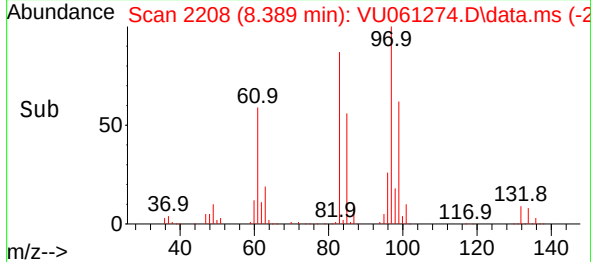
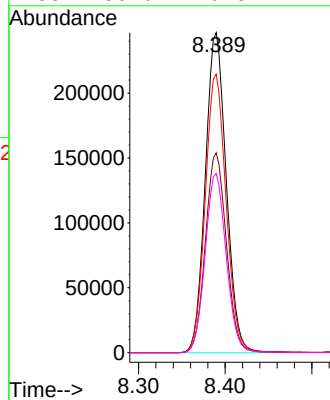
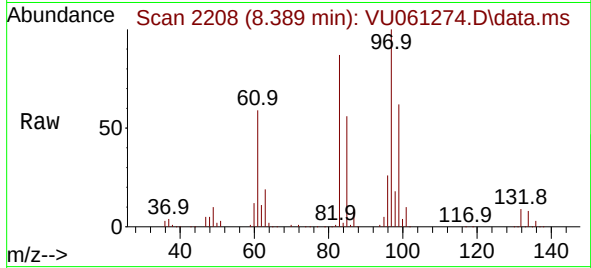




#45
1,1,2-Trichloroethane
Concen: 200.282 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

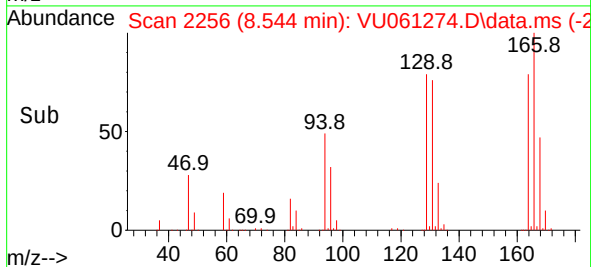
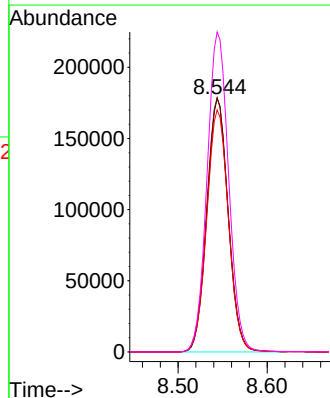
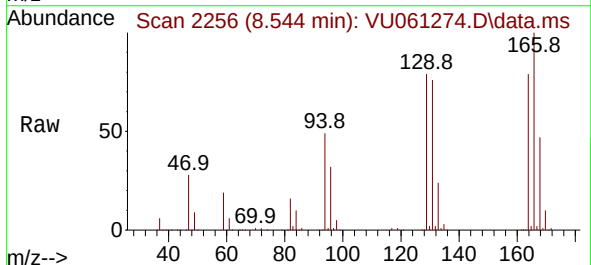
Instrument :
MSVOA_U
ClientSampleId :

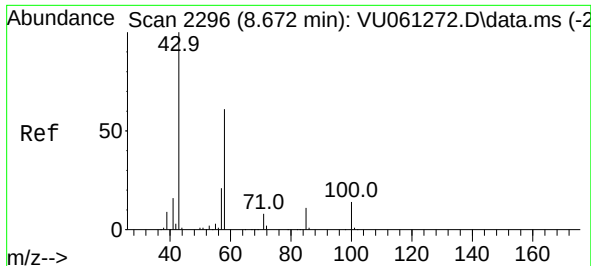
Tgt Ion:	97	Resp:	414308
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.4	82.5
83	87.0	61.0	113.2
85	56.0	40.3	74.9



#46
Tetrachloroethene
Concen: 191.619 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion:	164	Resp:	297570
Ion	Ratio	Lower	Upper
164	100		
129	100.3	71.6	133.0
131	95.4	68.6	127.4
166	126.2	86.8	161.2





#48

2-Hexanone

Concen: 462.670 ug/L

RT: 8.676 min Scan# 2296

Delta R.T. 0.003 min

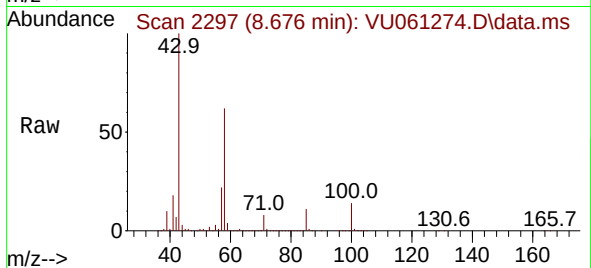
Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 992004

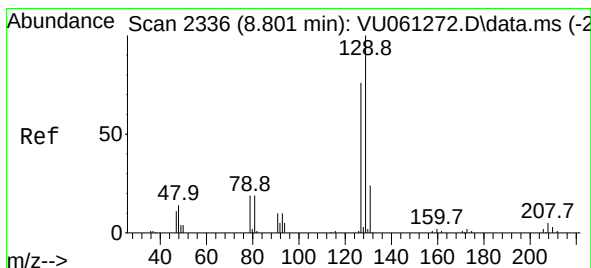
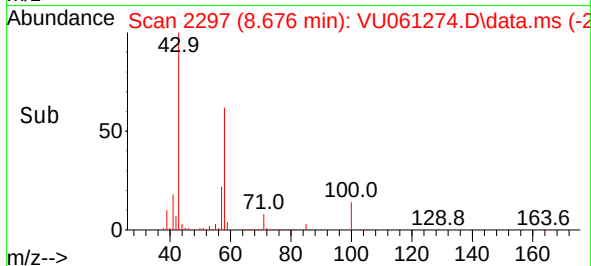
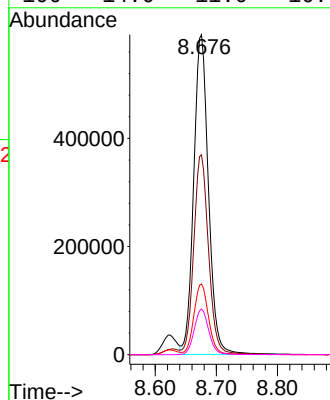
Ion Ratio Lower Upper

43 100

58 61.8 49.2 73.8

57 22.1 17.4 26.2

100 14.0 11.0 16.4



#49

Dibromochloromethane

Concen: 219.210 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061274.D

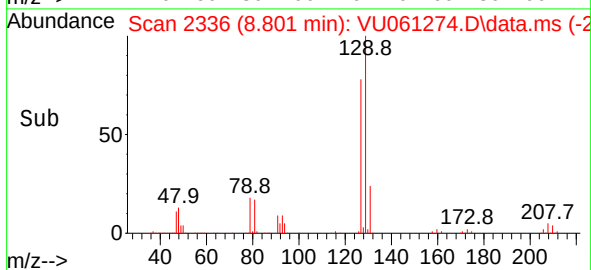
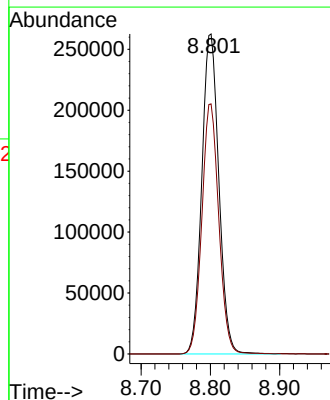
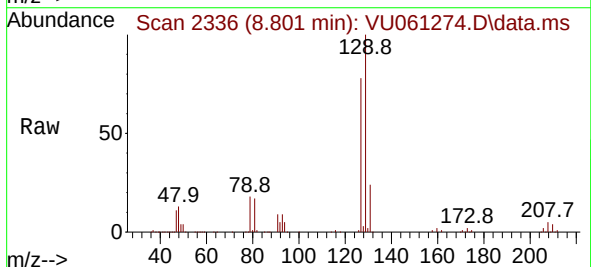
Acq: 28 Oct 2024 19:07

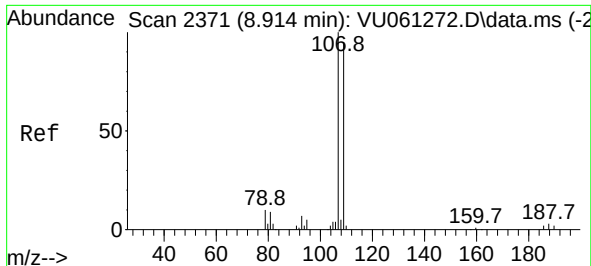
Tgt Ion:129 Resp: 448740

Ion Ratio Lower Upper

129 100

127 78.2 53.5 99.3

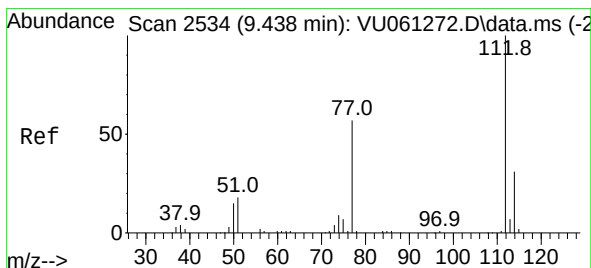
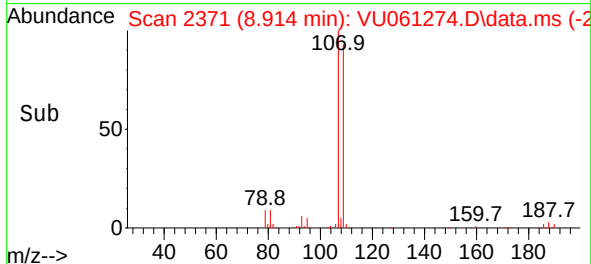
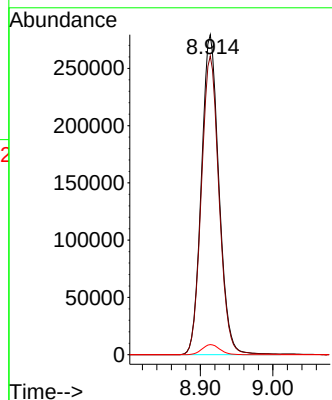
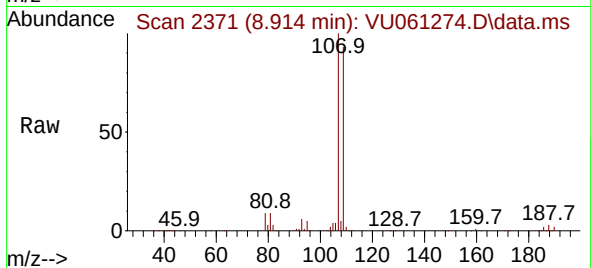




#50
1,2-Dibromoethane
Concen: 215.051 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

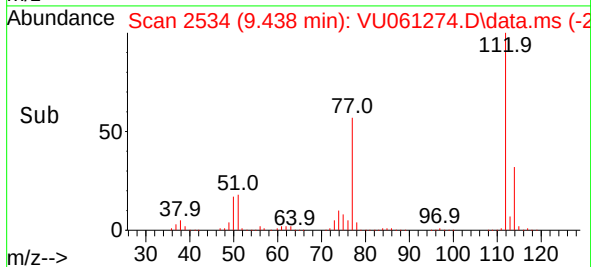
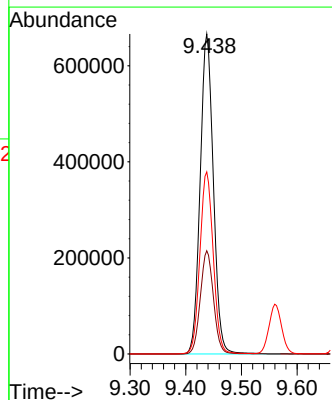
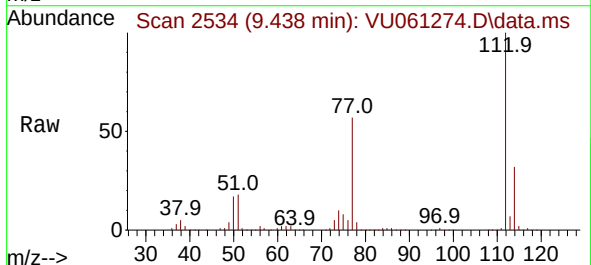
Instrument :
MSVOA_U
ClientSampleId :

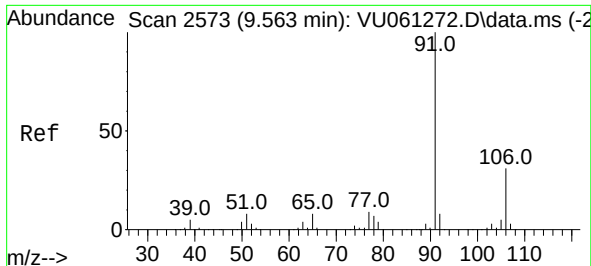
Tgt Ion:107 Resp: 469940
Ion Ratio Lower Upper
107 100
109 93.4 66.8 124.0
188 3.1 2.8 4.2



#51
Chlorobenzene
Concen: 209.324 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion:112 Resp: 1096814
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 56.9 45.8 68.6





#52

Ethylbenzene

Concen: 225.432 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. -0.003 min MSVOA_U

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

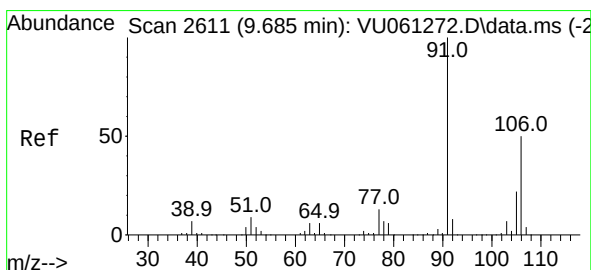
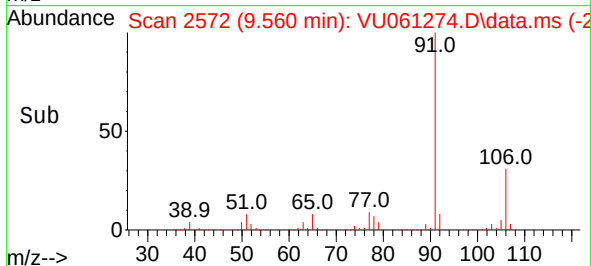
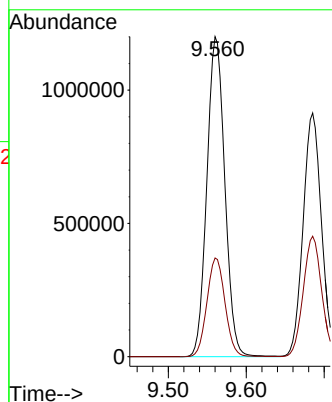
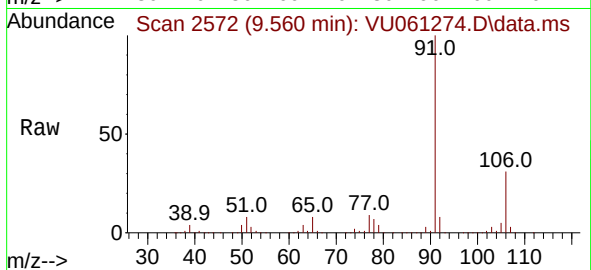
ClientSampleId :

Tgt Ion: 91 Resp: 1919334

Ion Ratio Lower Upper

91 100

106 30.9 21.6 40.2



#53

m,p-Xylene

Concen: 226.329 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061274.D

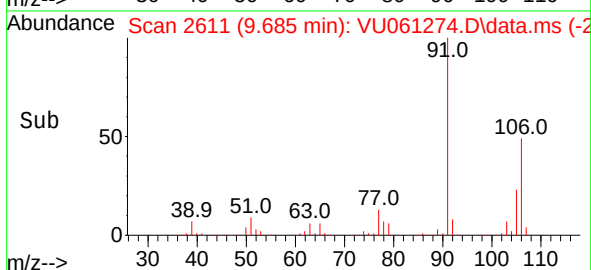
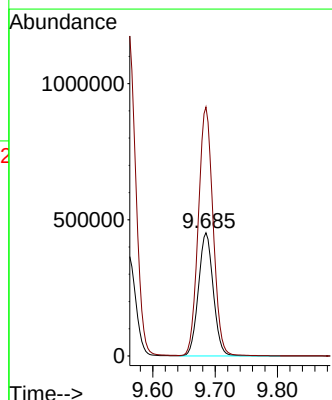
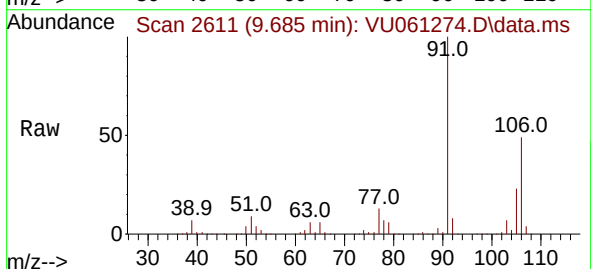
Acq: 28 Oct 2024 19:07

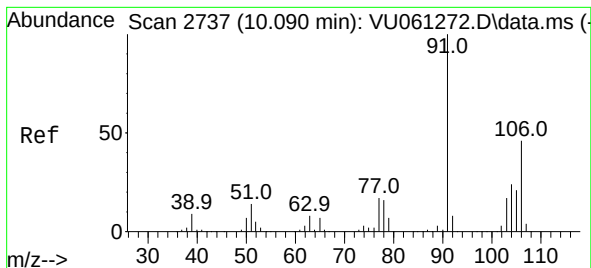
Tgt Ion:106 Resp: 747257

Ion Ratio Lower Upper

106 100

91 202.2 140.6 261.2





#54

o-Xylene

Concen: 230.788 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

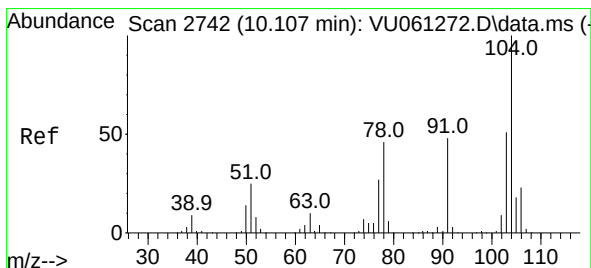
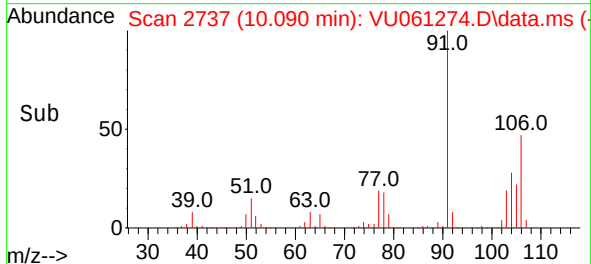
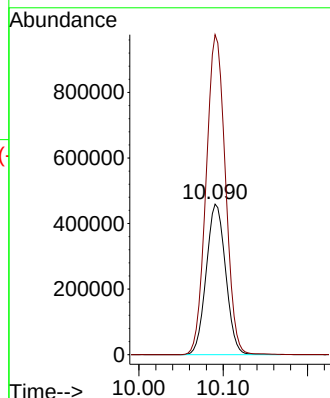
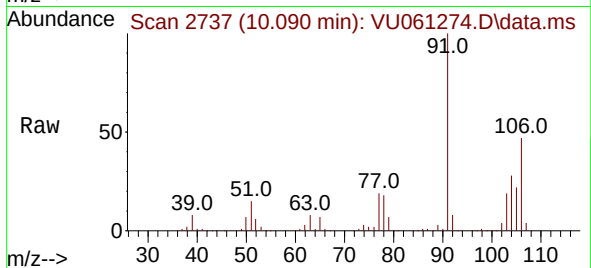
ClientSampleId :

Tgt Ion:106 Resp: 736264

Ion Ratio Lower Upper

106 100

91 212.6 152.7 283.7



#55

Styrene

Concen: 237.389 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061274.D

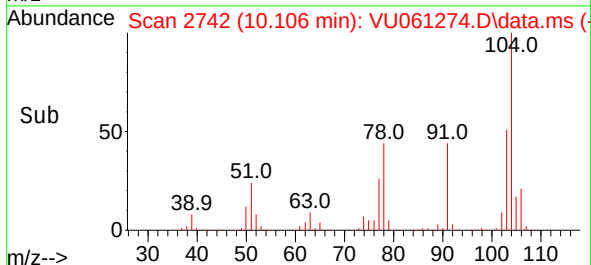
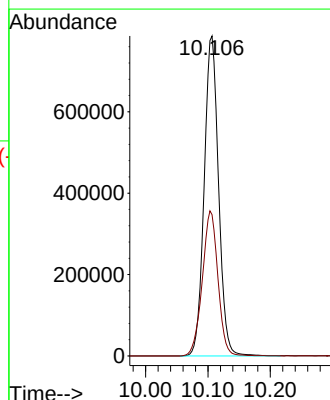
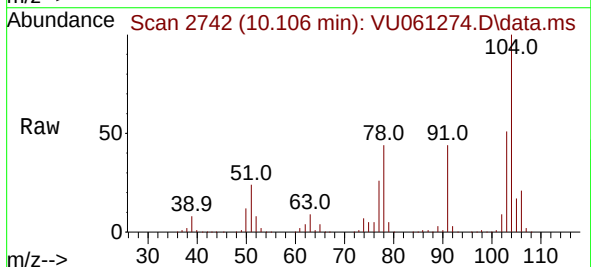
Acq: 28 Oct 2024 19:07

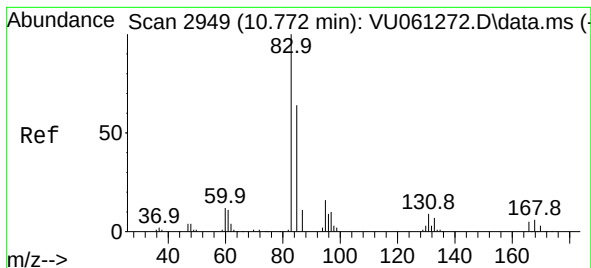
Tgt Ion:104 Resp: 1264122

Ion Ratio Lower Upper

104 100

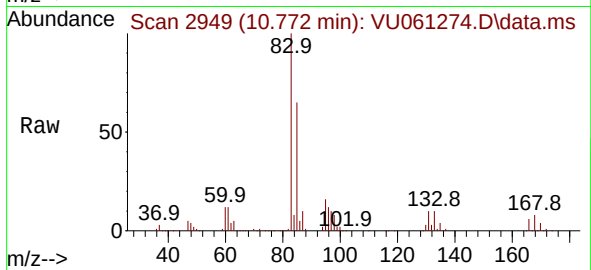
78 44.2 32.0 59.4



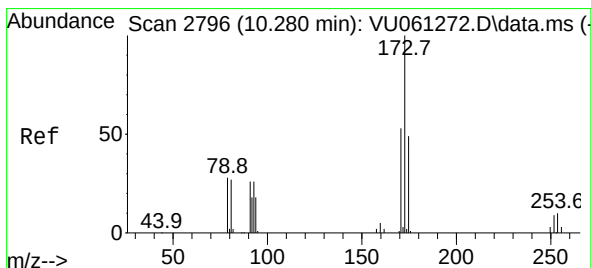
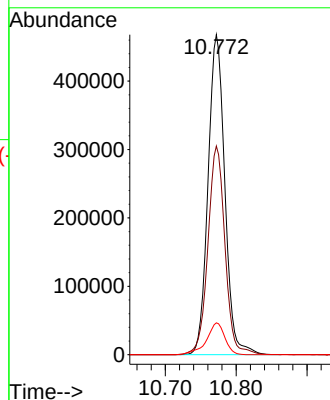
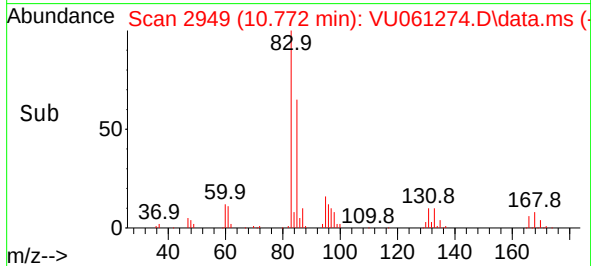


#57
1,1,2,2-Tetrachloroethane
Concen: 218.901 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :

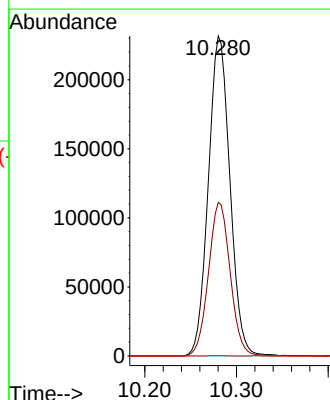
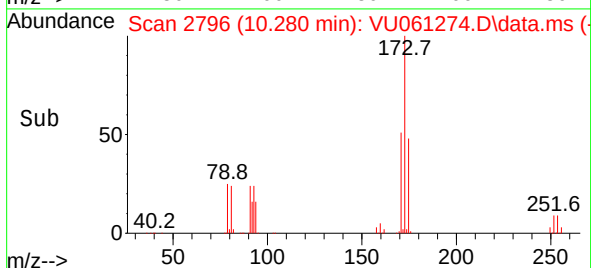
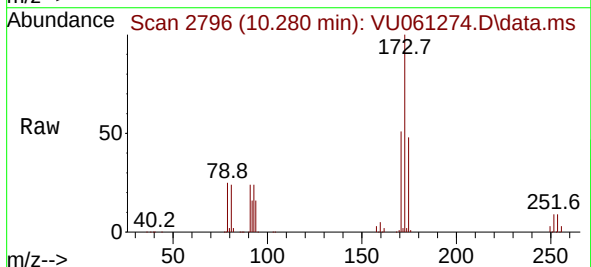


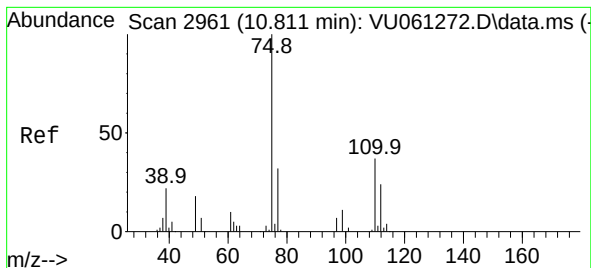
Tgt Ion: 83 Resp: 769580
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1
131 10.0 7.5 11.3



#59
Bromoform
Concen: 215.460 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU061274.D
Acq: 28 Oct 2024 19:07

Tgt Ion:173 Resp: 379002
Ion Ratio Lower Upper
173 100
175 48.2 39.7 59.5
254 0.0 1.4 2.0#





#60

1,2,3-Trichloropropane

Concen: 205.980 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

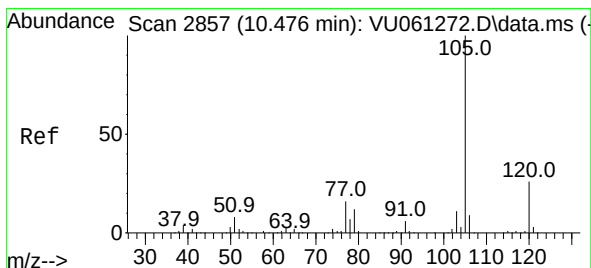
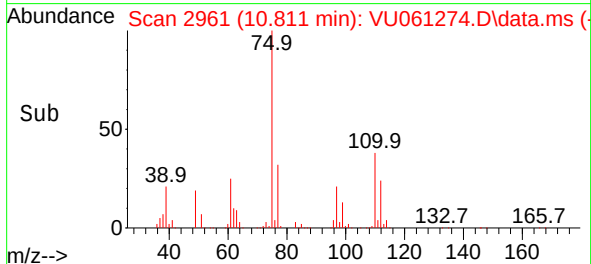
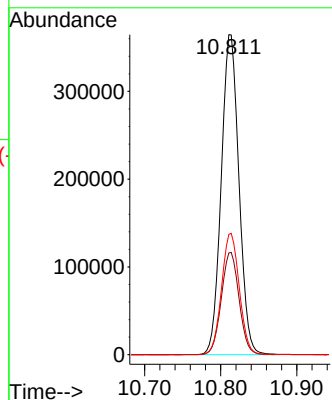
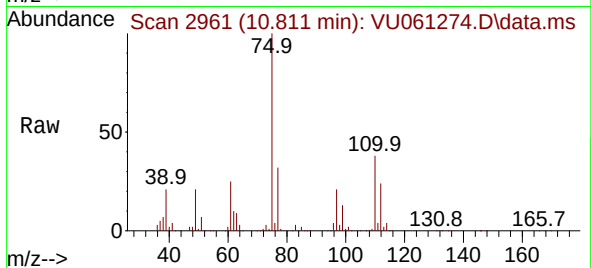
Tgt Ion: 75 Resp: 589145

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

110 38.0 29.8 44.6



#61

Isopropylbenzene

Concen: 220.518 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.003 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

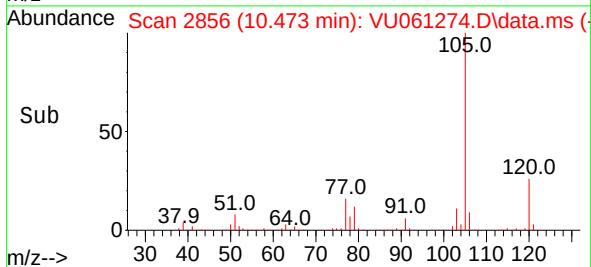
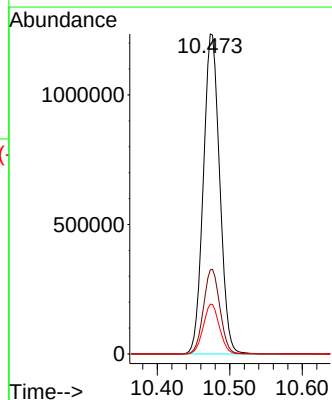
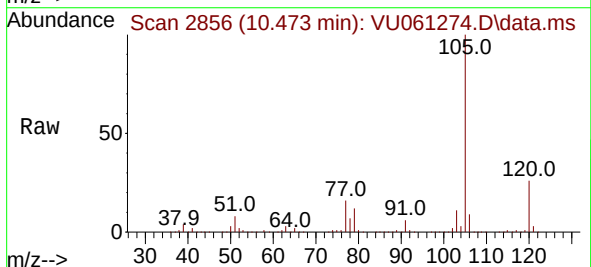
Tgt Ion:105 Resp: 1933735

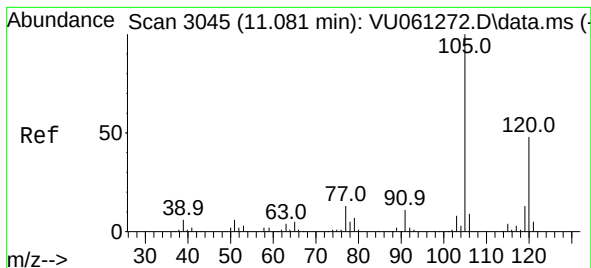
Ion Ratio Lower Upper

105 100

120 26.6 20.8 31.2

77 15.4 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 243.816 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

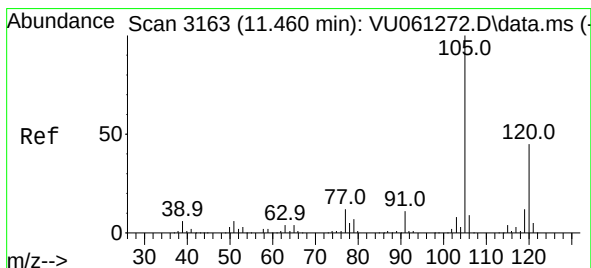
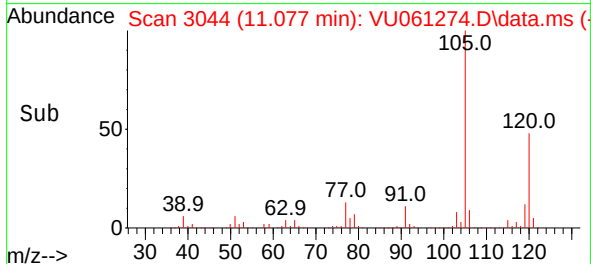
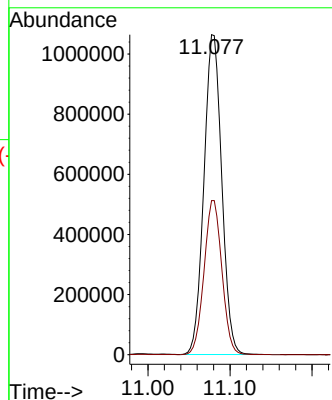
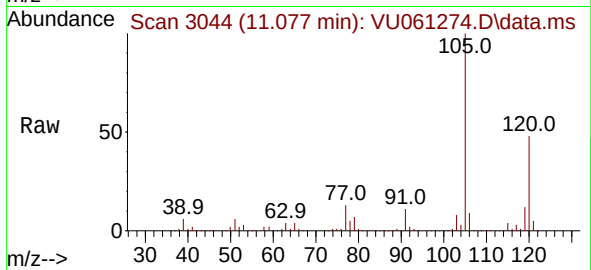
ClientSampleId :

Tgt Ion:105 Resp: 1607728

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 234.413 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061274.D

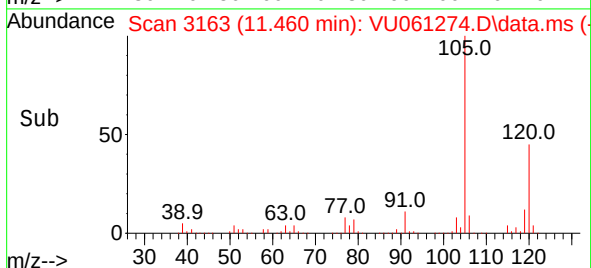
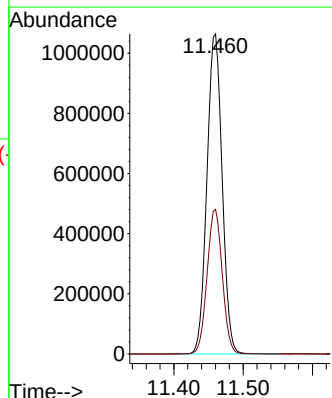
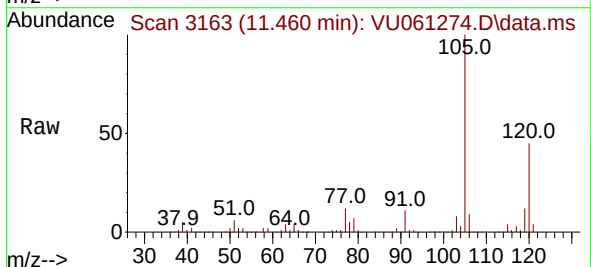
Acq: 28 Oct 2024 19:07

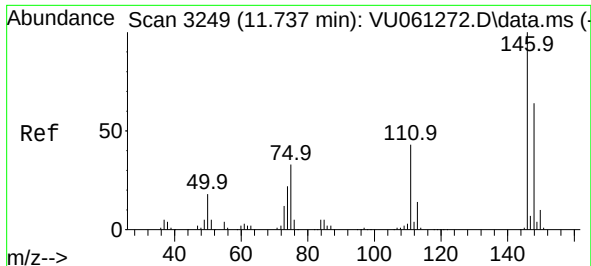
Tgt Ion:105 Resp: 1618085

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 202.329 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

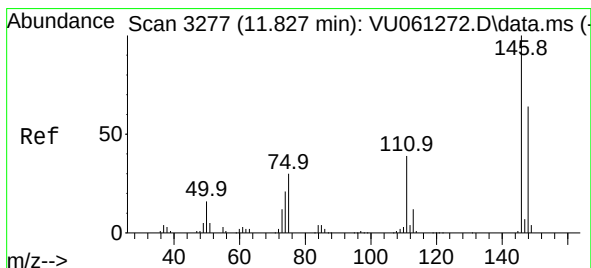
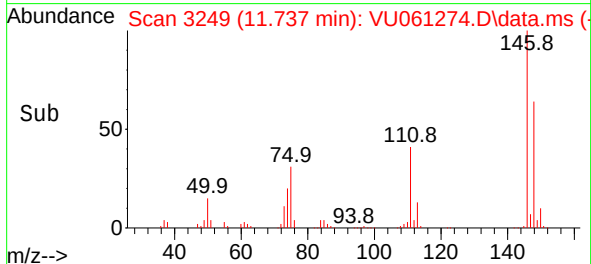
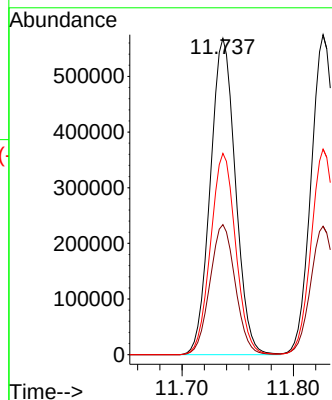
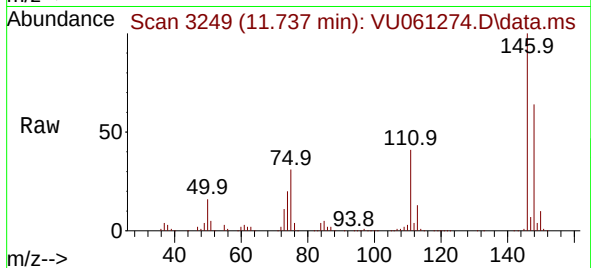
Tgt Ion:146 Resp: 891551

Ion Ratio Lower Upper

146 100

111 41.1 27.9 51.7

148 63.6 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 197.604 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

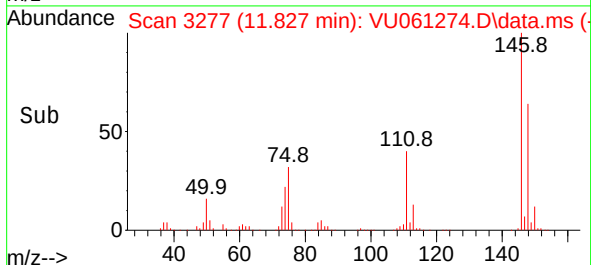
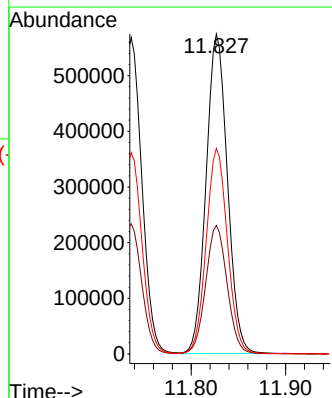
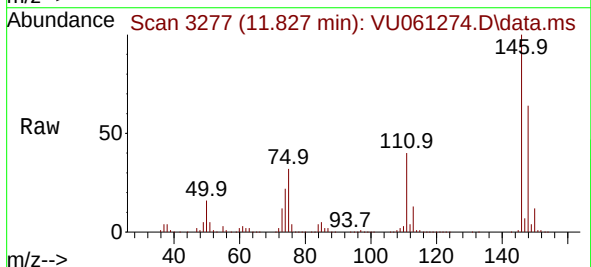
Tgt Ion:146 Resp: 900365

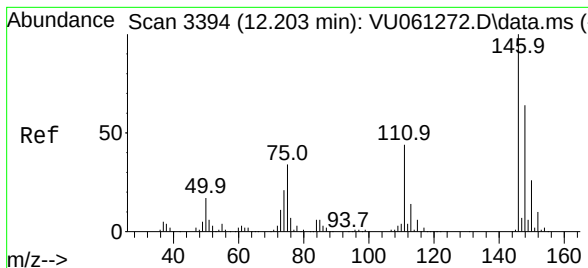
Ion Ratio Lower Upper

146 100

111 40.2 27.9 51.7

148 64.3 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 202.380 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

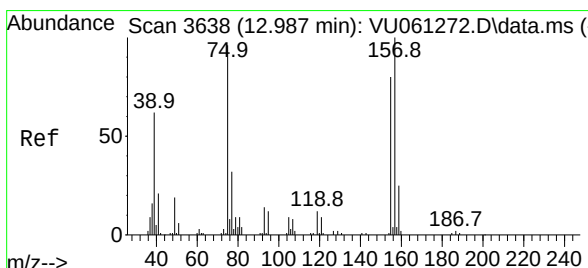
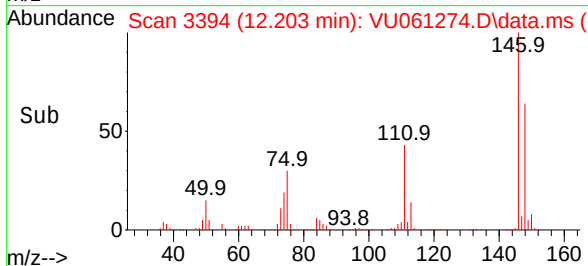
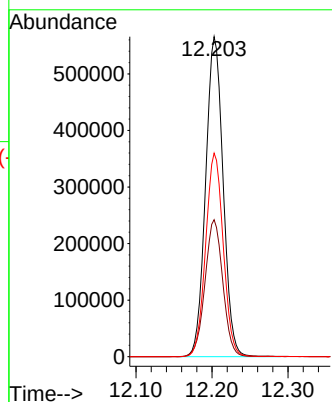
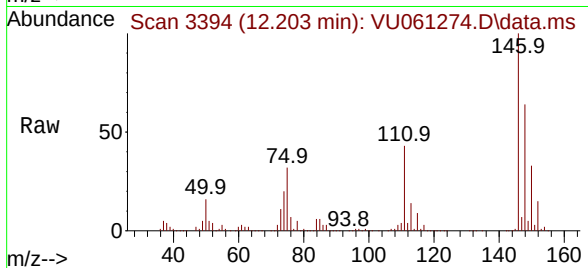
Tgt Ion:146 Resp: 903644

Ion Ratio Lower Upper

146 100

111 42.8 35.6 53.4

148 63.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 239.242 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

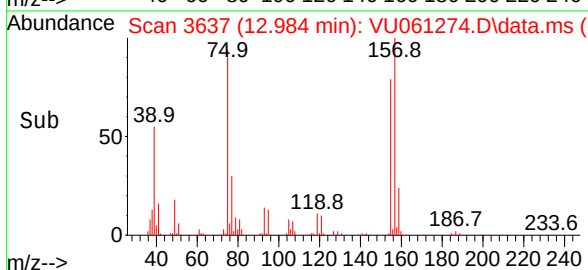
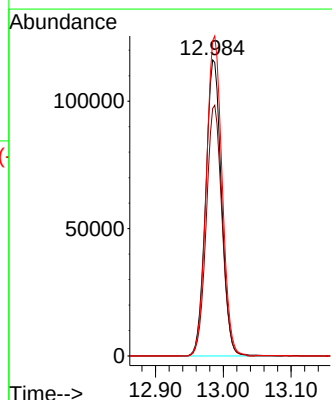
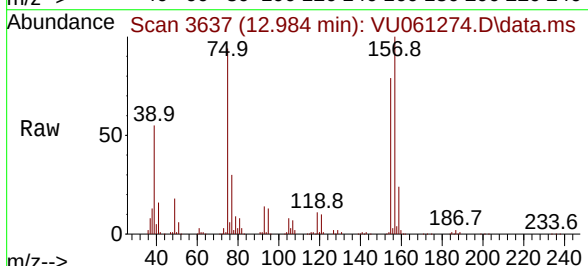
Tgt Ion: 75 Resp: 188178

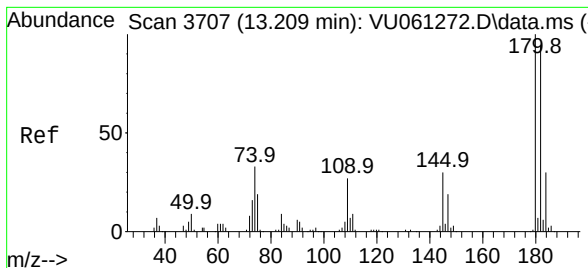
Ion Ratio Lower Upper

75 100

155 87.2 66.6 100.0

157 110.5 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 196.287 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

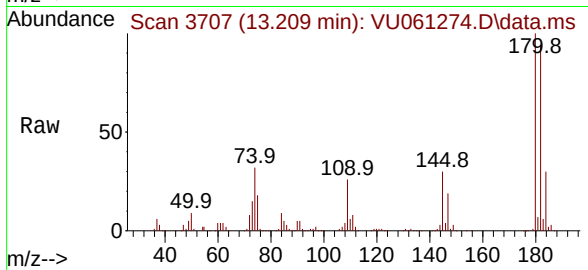
Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 619431

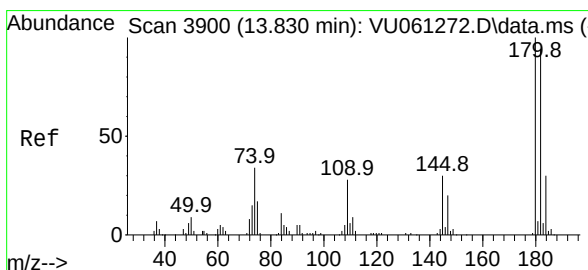
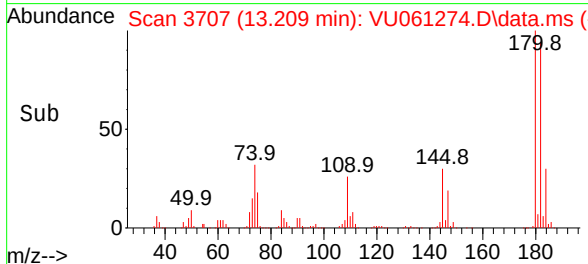
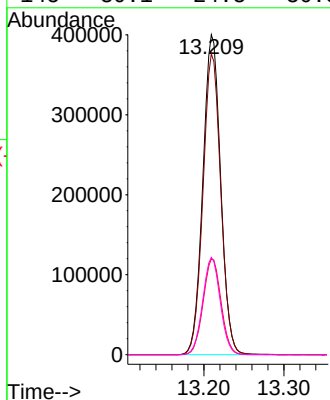
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

184 30.2 23.7 35.5

145 30.1 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 203.743 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

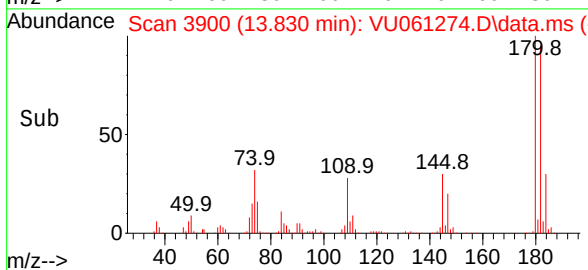
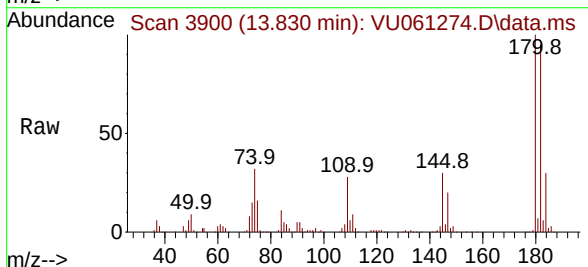
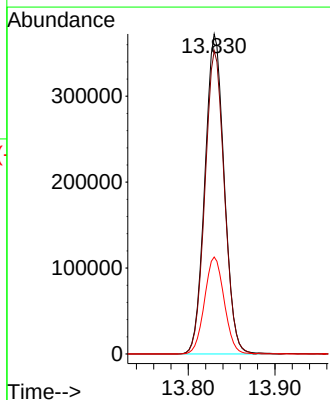
Tgt Ion:180 Resp: 578207

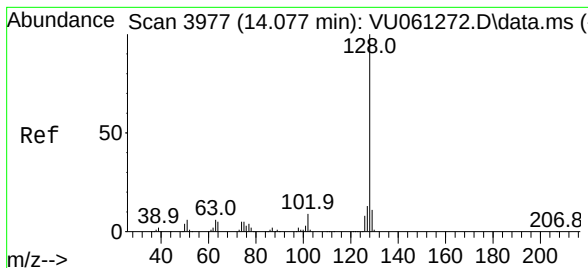
Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

145 30.8 25.0 37.4





#71

Naphthalene

Concen: 242.585 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

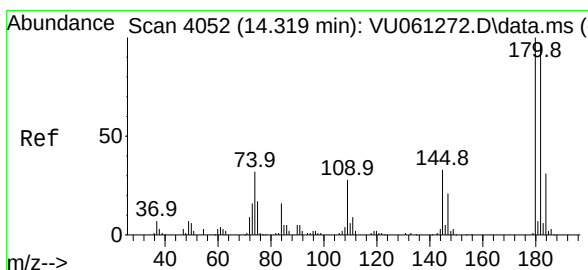
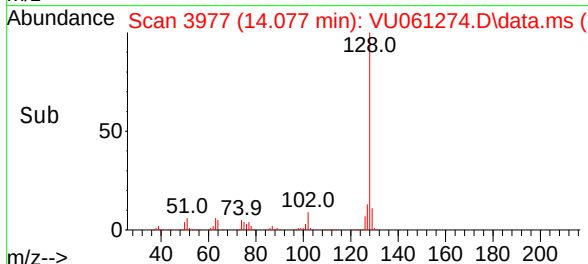
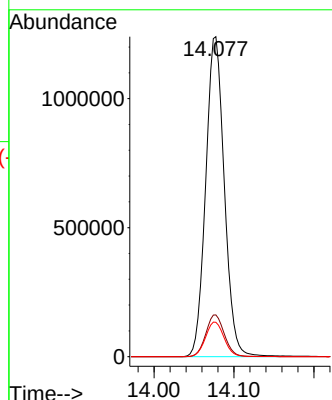
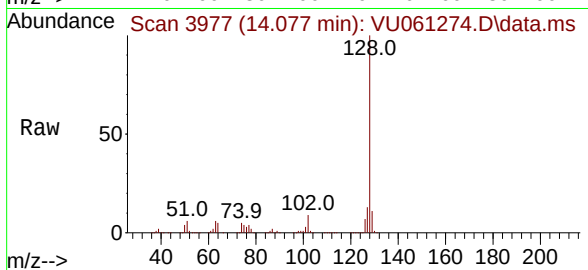
Tgt Ion:128 Resp: 2011198

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 199.663 ug/L

RT: 14.319 min Scan# 4052

Delta R.T. -0.000 min

Lab File: VU061274.D

Acq: 28 Oct 2024 19:07

Tgt Ion:180 Resp: 560569

Ion Ratio Lower Upper

180 100

182 94.4 76.7 115.1

145 32.6 25.6 38.4

