

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061846.D
 Acq On : 19 Nov 2024 05:55
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 06:12:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	169813	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	80932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55670	5.074	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.904	69	46657	4.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.560	65	23329	4.739	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.800%	
20) 2-Butanone-d5	4.612	46	123238	52.919	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.840%	
24) Chloroform-d	5.052	84	117072	5.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.400%	
26) 1,2-Dichloroethane-d4	5.692	65	56386	5.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.718	84	233717	5.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.679	67	69766	5.251	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.888	98	297419	7.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	141.600%#	
43) trans-1,3-Dichloroprop...	8.171	79	28946	5.915	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	118.400%	
46) 2-Hexanone-d5	8.621	63	120247	62.184	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.360%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57515	5.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	12.184	152	74818	5.190	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	62721	4.969	ug/L	99
3) Chloromethane	1.515	50	59634	5.208	ug/L	98
5) Vinyl chloride	1.602	62	67548	5.346	ug/L	98
6) Bromomethane	1.846	94	38164	5.062	ug/L	97
8) Chloroethane	1.927	64	45207	5.158	ug/L	96
9) Trichlorofluoromethane	2.132	101	94717	5.099	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56970	5.188	ug/L	99
12) 1,1-Dichloroethene	2.573	96	52842	5.155	ug/L	91
13) Acetone	2.615	43	78473	53.485	ug/L	99
14) Carbon disulfide	2.785	76	149866	4.552	ug/L	100
15) Methyl Acetate	2.943	43	20966	5.719	ug/L	97
16) Methylene chloride	3.036	84	65891	5.577	ug/L	94
17) Methyl tert-butyl Ether	3.351	73	136294	5.425	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	59934	5.330	ug/L	97
19) 1,1-Dichloroethane	3.856	63	112499	5.488	ug/L	98
21) 2-Butanone	4.689	43	132657	55.361	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	69587	5.488	ug/L	98
23) Bromochloromethane	4.962	128	31081	5.518	ug/L	95
25) Chloroform	5.078	83	122820	5.684	ug/L	99

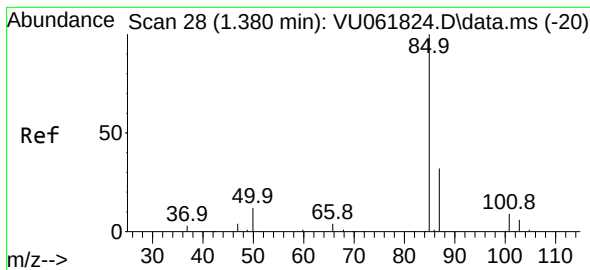
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	74925	5.526	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	99698	5.381	ug/L	98
30) Cyclohexane	5.377	56	94502	5.106	ug/L	99
31) Carbon tetrachloride	5.512	117	83670	5.302	ug/L	99
33) Benzene	5.763	78	268133	5.441	ug/L	100
34) Trichloroethene	6.534	95	70020	5.262	ug/L	94
35) Methylcyclohexane	6.753	83	99614	4.964	ug/L	100
37) 1,2-Dichloropropane	6.779	63	70559	5.644	ug/L	100
38) Bromodichloromethane	7.094	83	81445	5.430	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	128654	7.231	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	489038	81.585	ug/L	100
42) Toluene	7.959	91	375453	7.076	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	87845	6.224	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	68896	7.560	ug/L	98
47) Tetrachloroethene	8.544	164	69866	6.988	ug/L	97
48) 2-Hexanone	8.672	43	303002	70.696	ug/L	99
49) Dibromochloromethane	8.801	129	75991	7.952	ug/L	95
50) 1,2-Dibromoethane	8.914	107	69269	8.058	ug/L #	99
51) Chlorobenzene	9.438	112	185112	5.420	ug/L	100
52) Ethylbenzene	9.560	91	306330	5.420	ug/L	100
53) m,p-Xylene	9.685	106	117069	5.414	ug/L	97
54) o-Xylene	10.090	106	116356	5.536	ug/L	97
55) Styrene	10.106	104	187566	5.605	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	64294	5.797	ug/L	97
59) Bromoform	10.280	173	28095	5.245	ug/L	99
60) Isopropylbenzene	10.476	105	303062	5.400	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44070	5.780	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	237515	5.285	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	236328	5.403	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	137975	5.360	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	137738	5.270	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	130386	5.447	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7425	5.577	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	92574	5.151	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	71126	5.107	ug/L	100
71) Naphthalene	14.081	128	102201	5.111	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	61038	5.220	ug/L	98

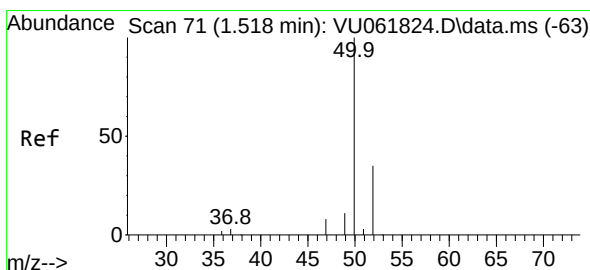
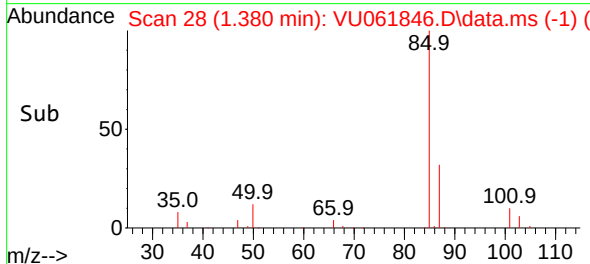
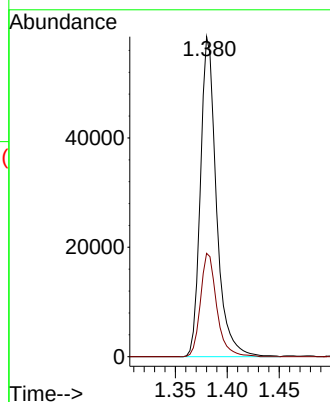
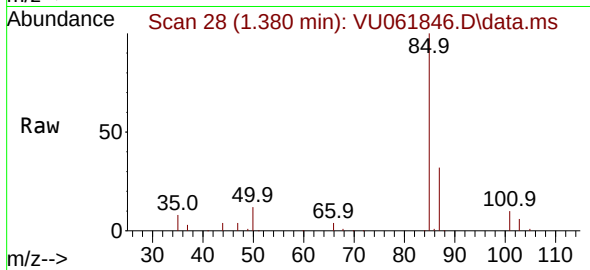
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#2
Dichlorodifluoromethane
Concen: 4.969 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

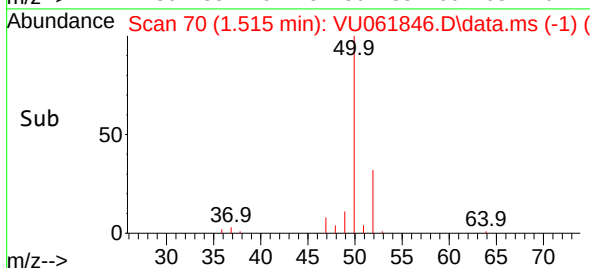
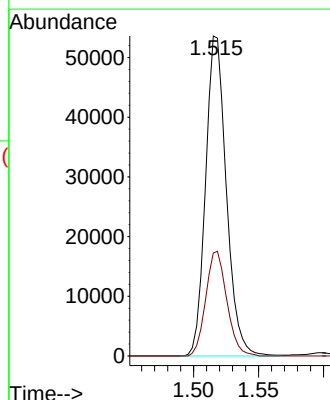
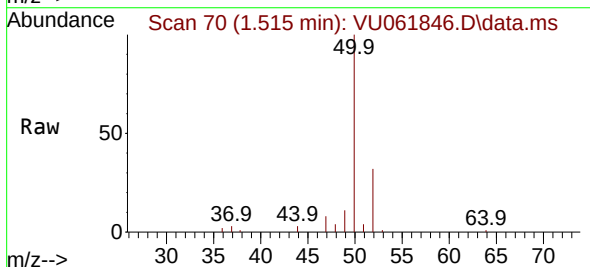
Instrument :
MSVOA_U
ClientSampleId :

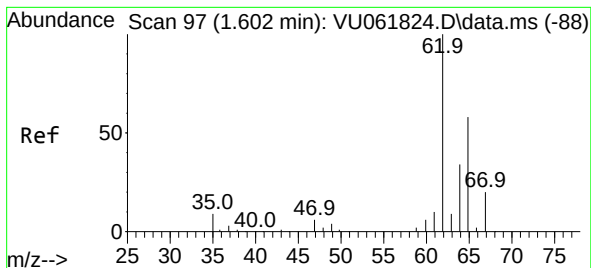
Tgt Ion: 85 Resp: 62721
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0



#3
Chloromethane
Concen: 5.208 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 50 Resp: 59634
Ion Ratio Lower Upper
50 100
52 32.2 23.2 43.2





#5

Vinyl chloride

Concen: 5.346 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

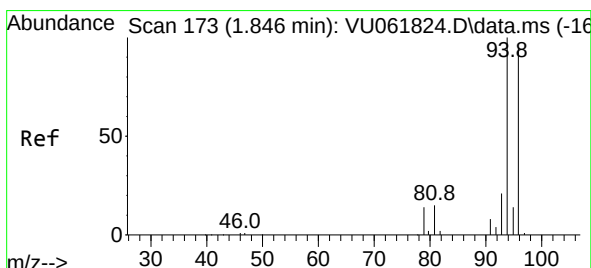
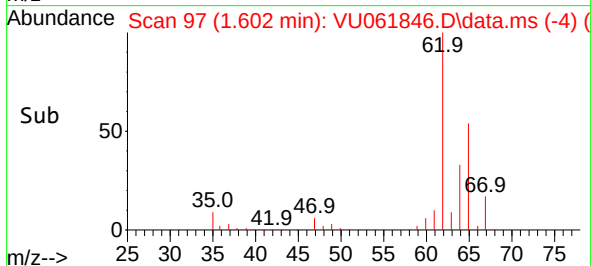
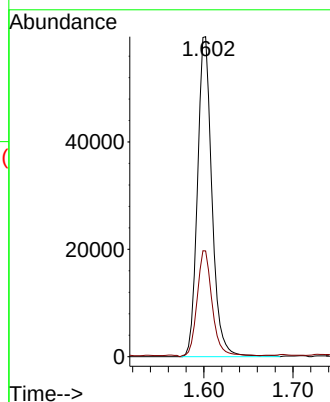
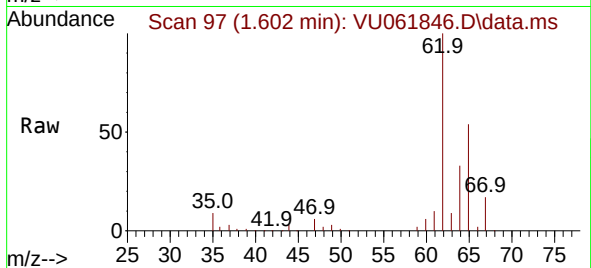
ClientSampleId :

Tgt Ion: 62 Resp: 67548

Ion Ratio Lower Upper

62 100

64 33.0 23.7 44.1



#6

Bromomethane

Concen: 5.062 ug/L

RT: 1.846 min Scan# 173

Delta R.T. 0.000 min

Lab File: VU061846.D

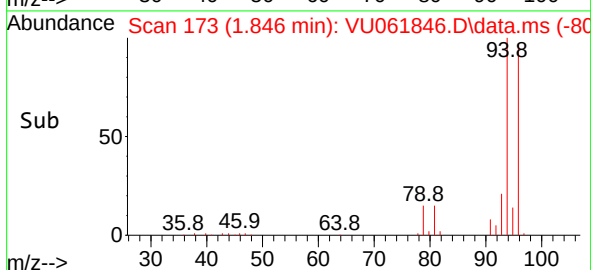
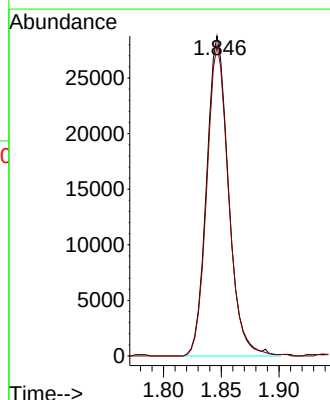
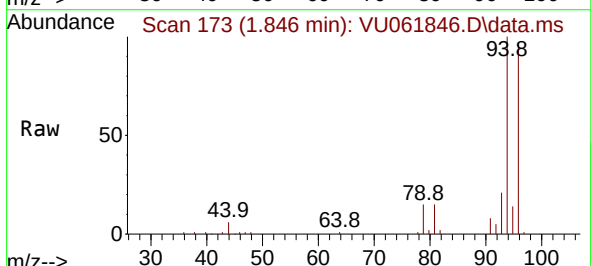
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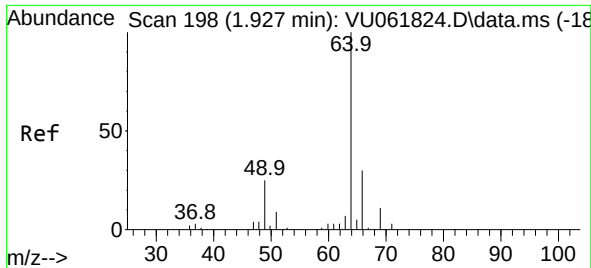
Tgt Ion: 94 Resp: 38164

Ion Ratio Lower Upper

94 100

96 97.0 65.7 121.9





#8

Chloroethane

Concen: 5.158 ug/L

RT: 1.927 min Scan# 198

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

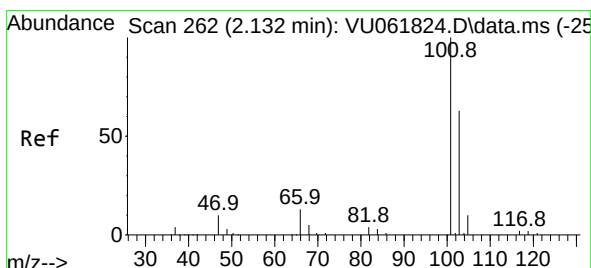
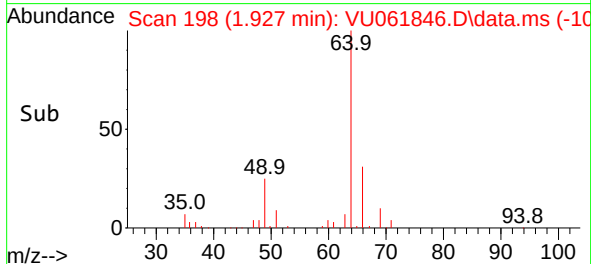
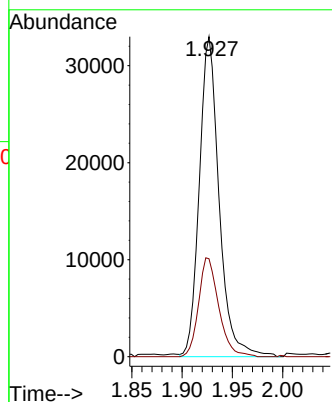
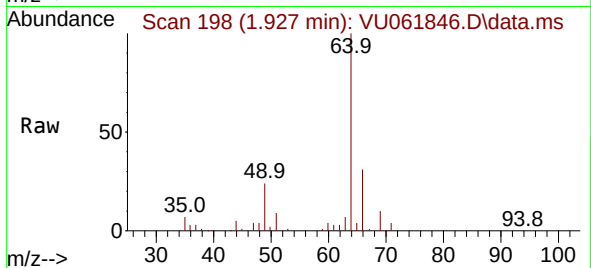
ClientSampleId :

Tgt Ion: 64 Resp: 45207

Ion Ratio Lower Upper

64 100

66 30.6 23.1 42.9



#9

Trichlorofluoromethane

Concen: 5.099 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061846.D

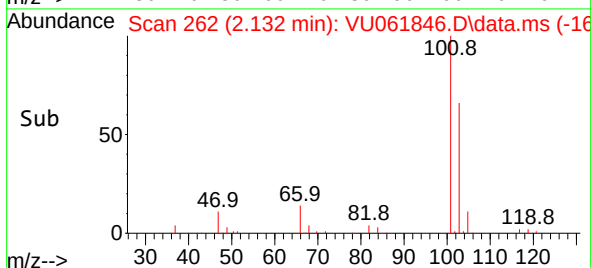
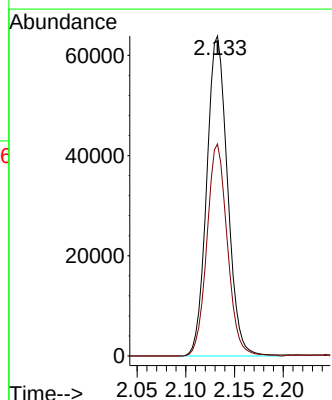
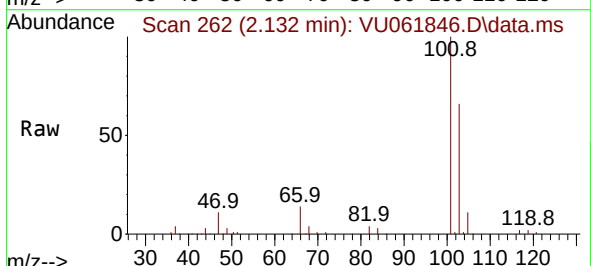
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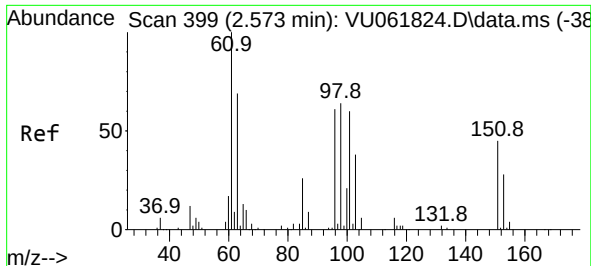
Tgt Ion:101 Resp: 94717

Ion Ratio Lower Upper

101 100

103 65.2 52.2 78.2

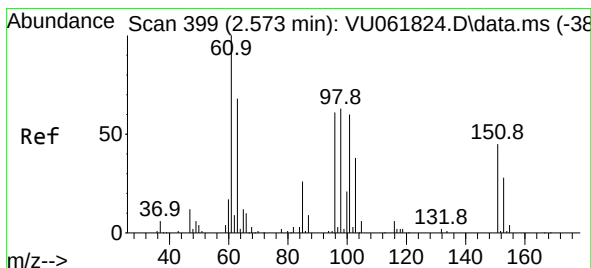
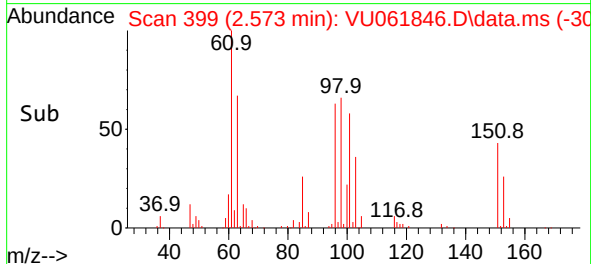
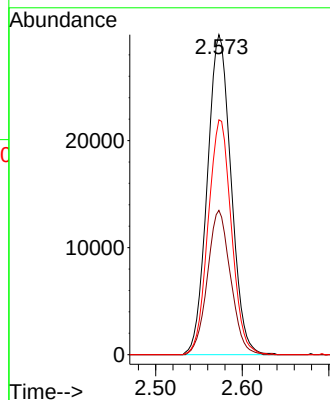
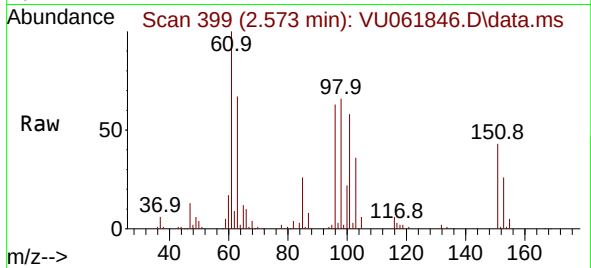




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.188 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061846.D
 Acq: 19 Nov 2024 05:55

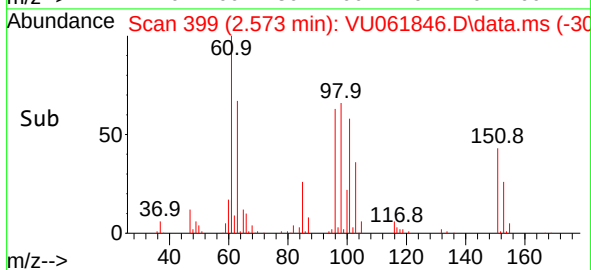
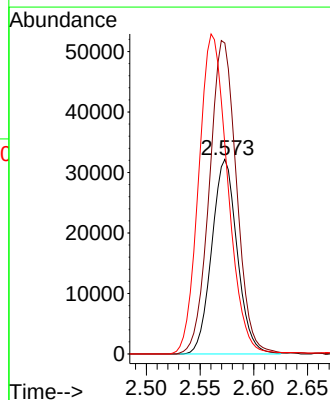
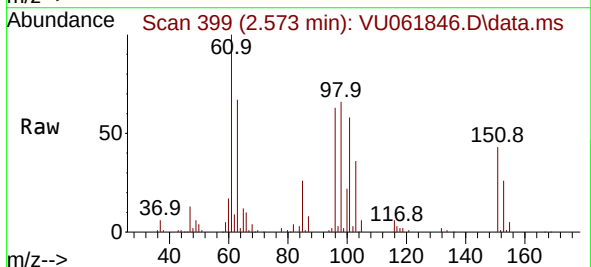
Instrument :
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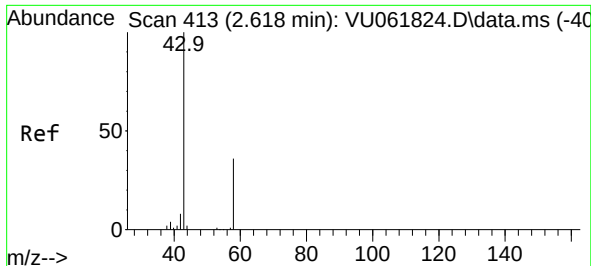
Tgt Ion:101 Resp: 56970
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.1 52.7
 151 71.9 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 5.155 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061846.D
 Acq: 19 Nov 2024 05:55

Tgt Ion: 96 Resp: 52842
 Ion Ratio Lower Upper
 96 100
 61 159.8 116.8 217.0
 63 107.7 86.1 159.9





#13

Acetone

Concen: 53.485 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

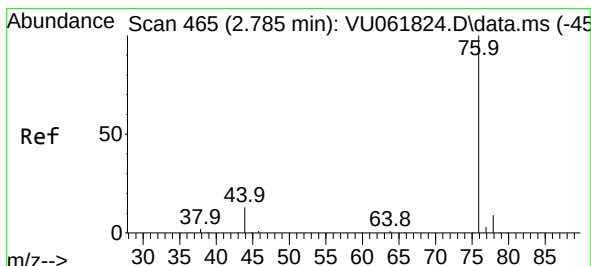
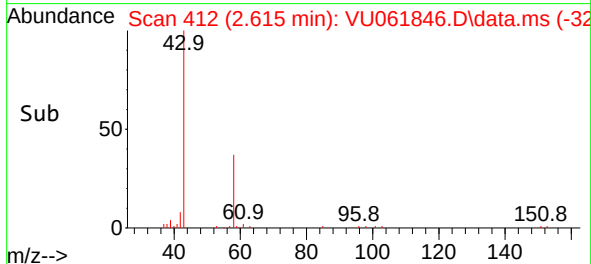
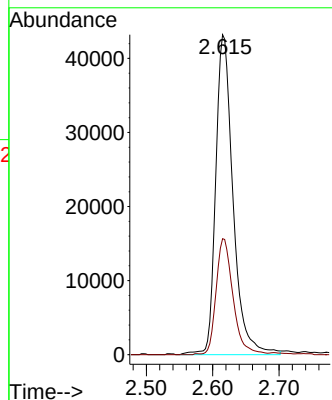
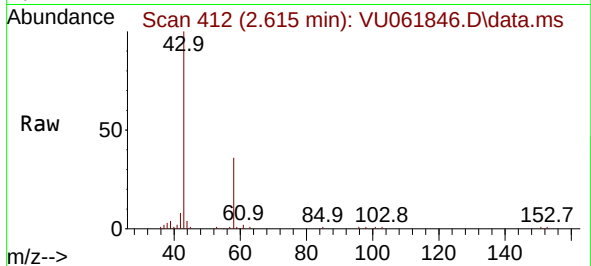
ClientSampleId :

Tgt Ion: 43 Resp: 78473

Ion Ratio Lower Upper

43 100

58 34.5 0.0 69.8



#14

Carbon disulfide

Concen: 4.552 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061846.D

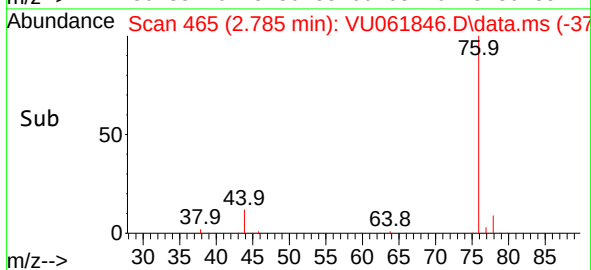
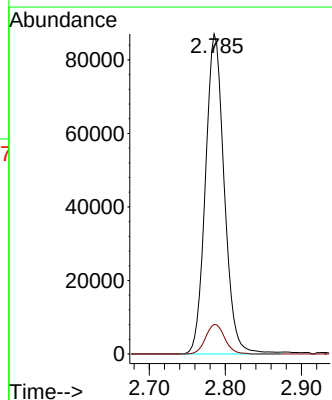
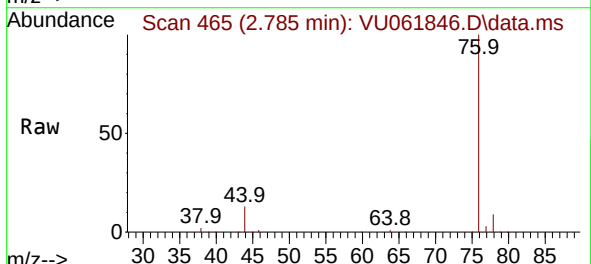
Acq: 19 Nov 2024 05:55

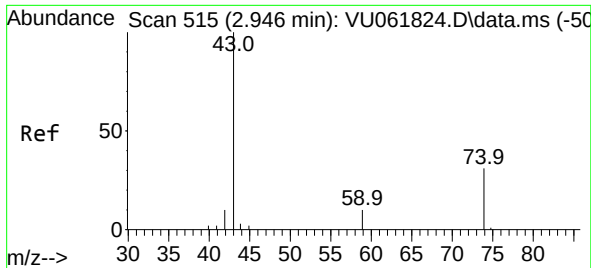
Tgt Ion: 76 Resp: 149866

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

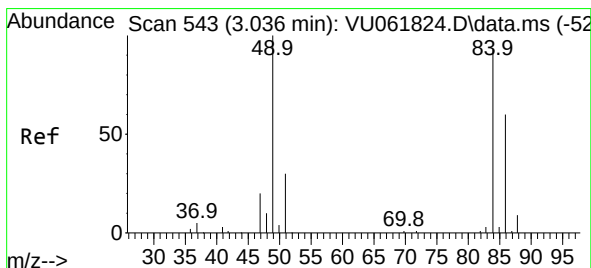
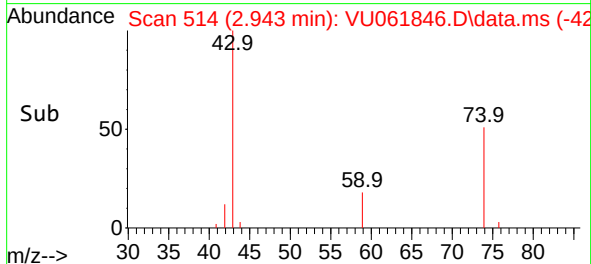
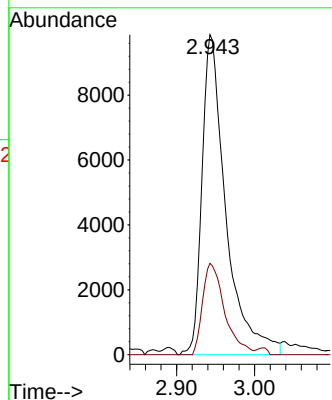
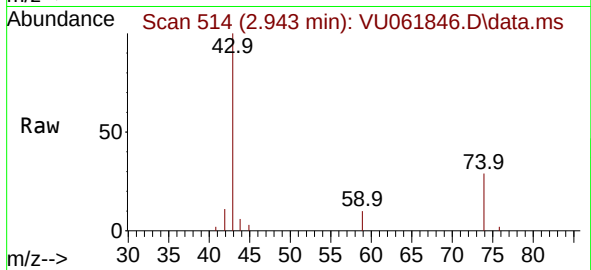




#15
Methyl Acetate
Concen: 5.719 ug/L
RT: 2.943 min Scan# 515
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

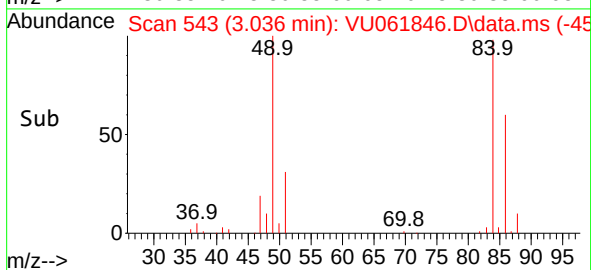
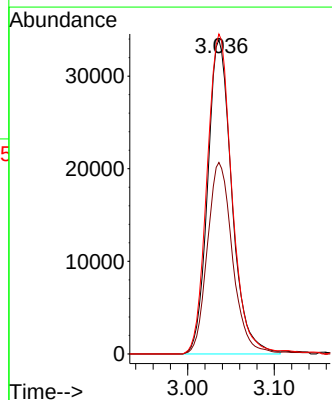
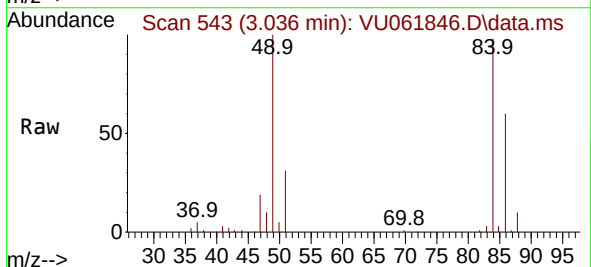
Instrument :
MSVOA_U
ClientSampleId :

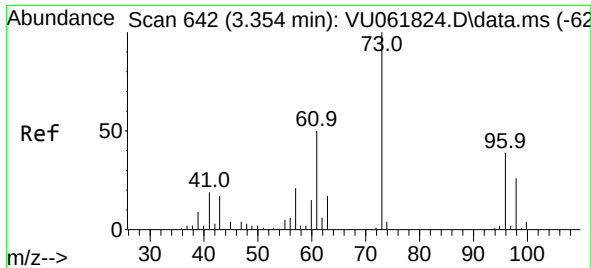
Tgt Ion: 43 Resp: 20966
Ion Ratio Lower Upper
43 100
74 26.3 22.5 33.7



#16
Methylene chloride
Concen: 5.577 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 84 Resp: 65891
Ion Ratio Lower Upper
84 100
86 60.9 45.1 83.7
49 101.8 76.3 141.7

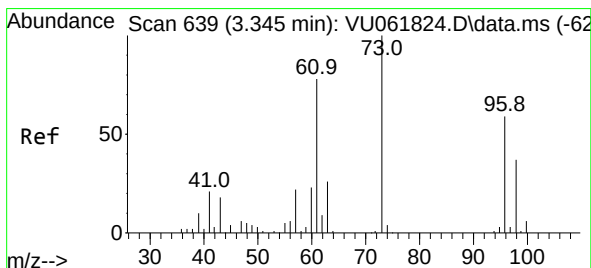
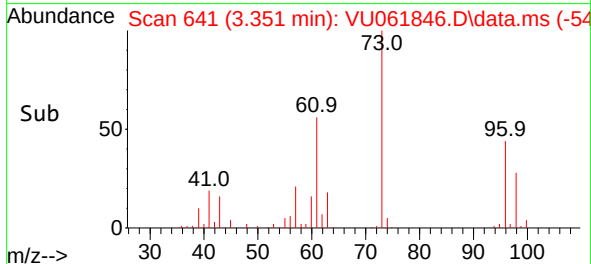
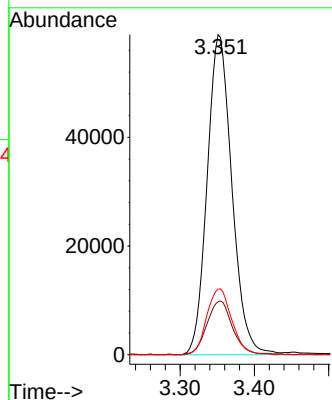
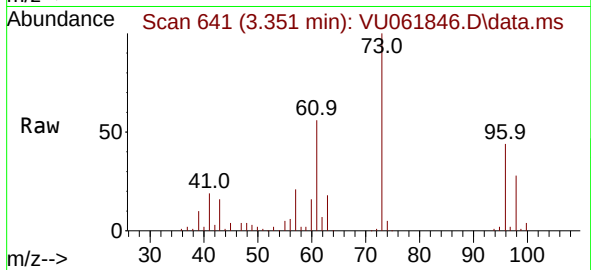




#17
Methyl tert-butyl Ether
Concen: 5.425 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

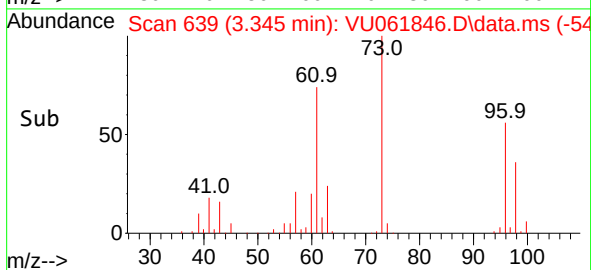
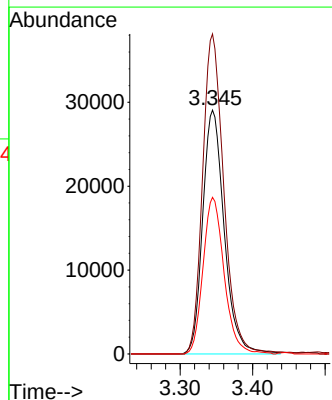
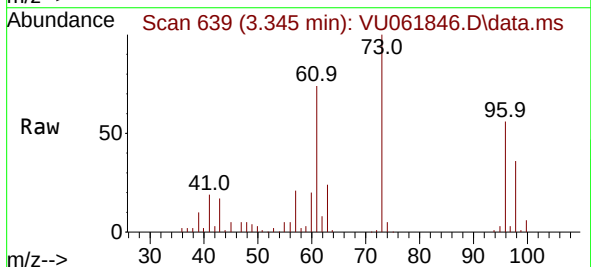
Instrument :
MSVOA_U
ClientSampleId :

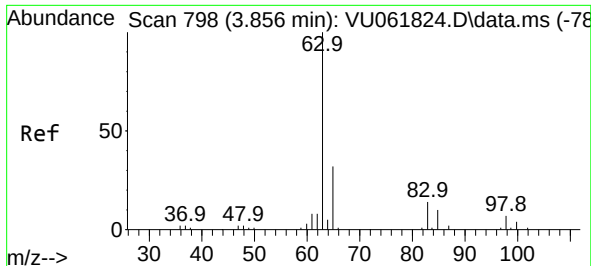
Tgt Ion: 73 Resp: 136294
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.4
57 20.8 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.330 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 96 Resp: 59934
Ion Ratio Lower Upper
96 100
61 131.2 94.1 174.8
98 64.2 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.488 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

ClientSampleId :

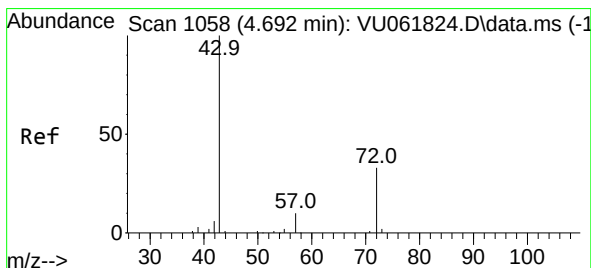
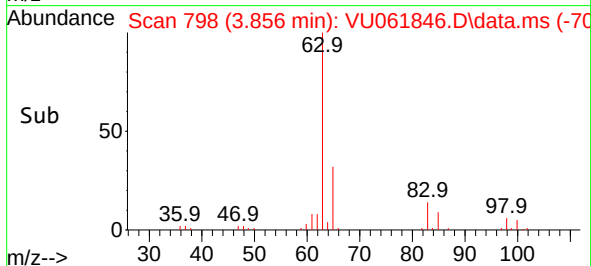
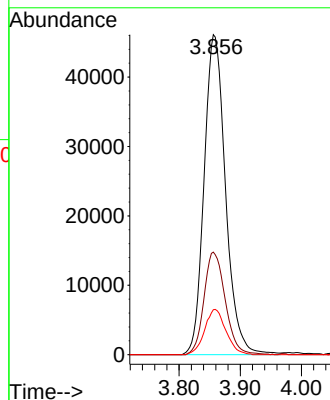
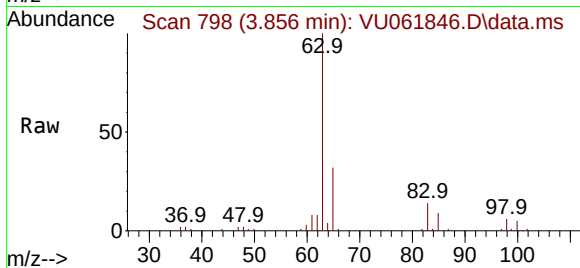
Tgt Ion: 63 Resp: 112499

Ion Ratio Lower Upper

63 100

65 32.0 23.4 43.4

83 14.0 9.6 17.8



#21

2-Butanone

Concen: 55.361 ug/L

RT: 4.689 min Scan# 1057

Delta R.T. -0.003 min

Lab File: VU061846.D

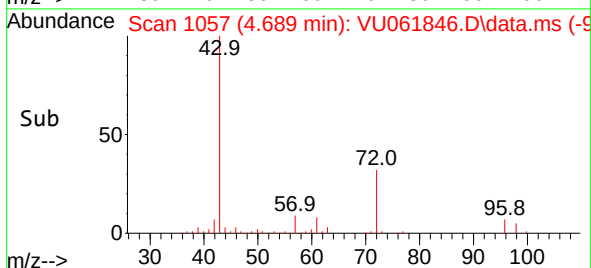
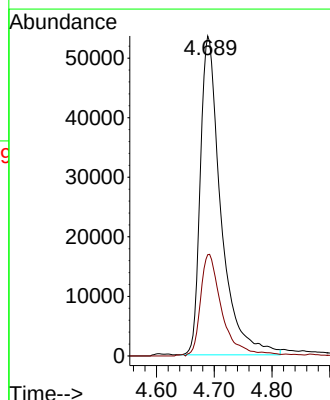
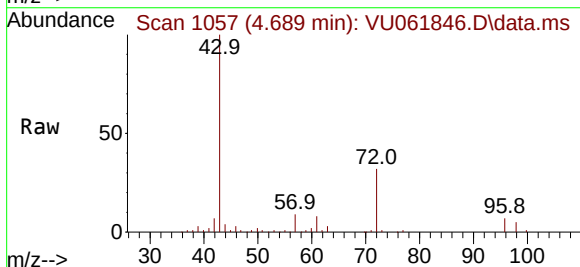
Acq: 19 Nov 2024 05:55

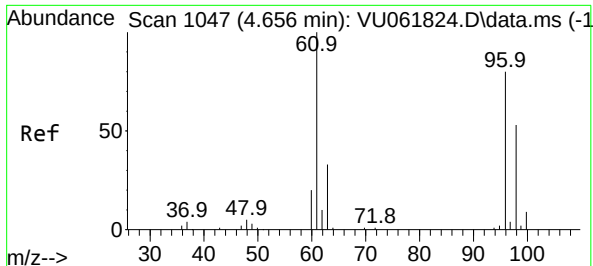
Tgt Ion: 43 Resp: 132657

Ion Ratio Lower Upper

43 100

72 32.3 15.8 47.3

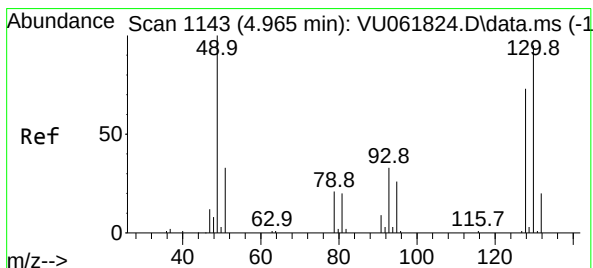
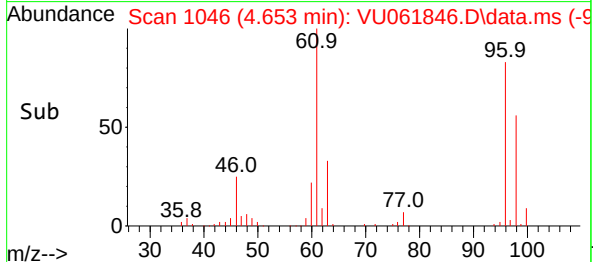
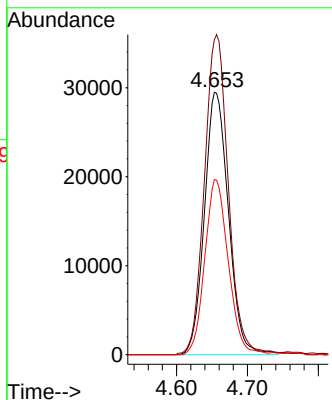
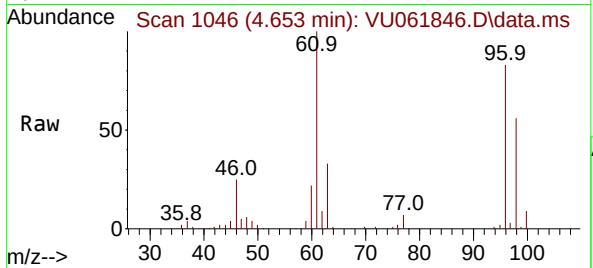




#22
 cis-1,2-Dichloroethene
 Concen: 5.488 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061846.D
 Acq: 19 Nov 2024 05:55

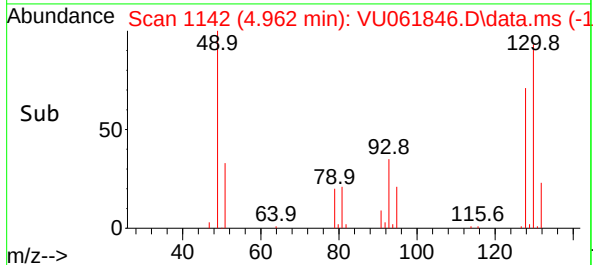
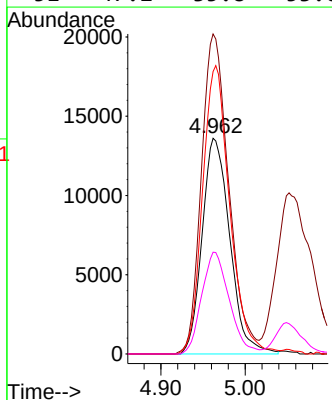
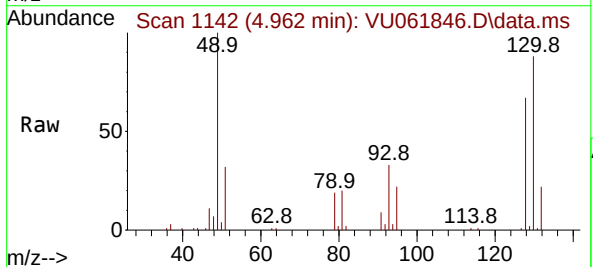
Instrument :
 MSVOA_U
 ClientSampleId :

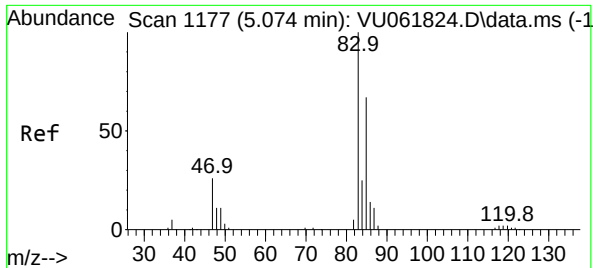
Tgt Ion: 96 Resp: 69587
 Ion Ratio Lower Upper
 96 100
 61 120.1 85.6 159.0
 98 66.7 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.518 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU061846.D
 Acq: 19 Nov 2024 05:55

Tgt Ion: 128 Resp: 31081
 Ion Ratio Lower Upper
 128 100
 49 148.3 99.1 184.1
 130 130.9 88.6 164.6
 51 47.2 35.8 53.6

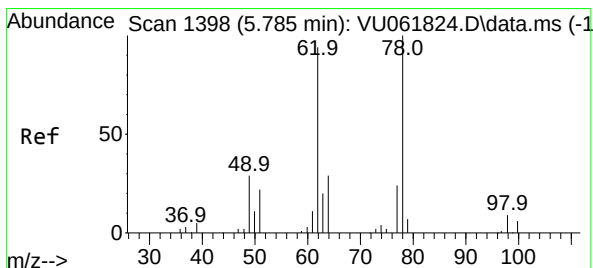
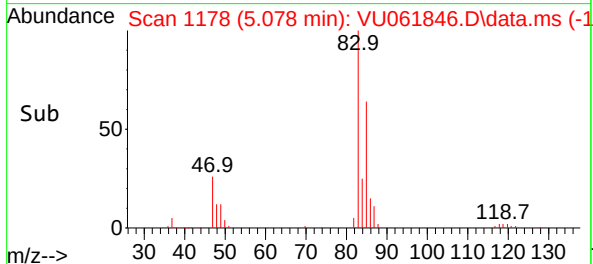
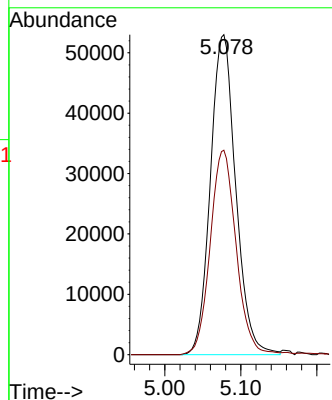
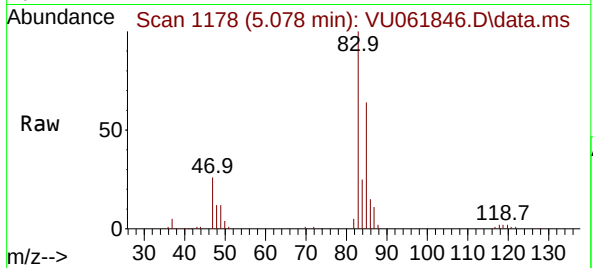




#25
Chloroform
Concen: 5.684 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

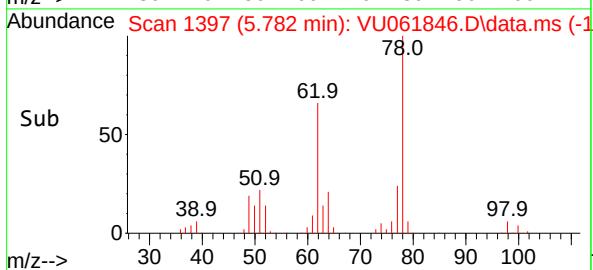
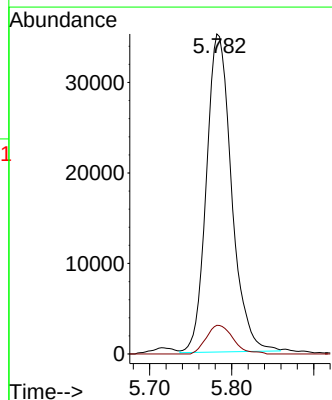
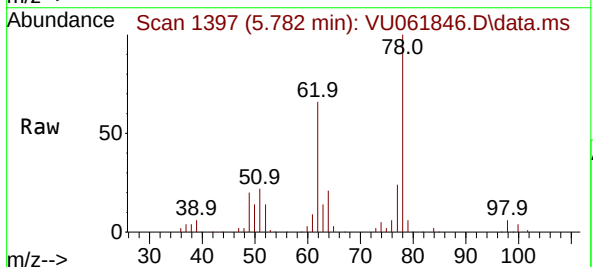
Instrument :
MSVOA_U
ClientSampleId :

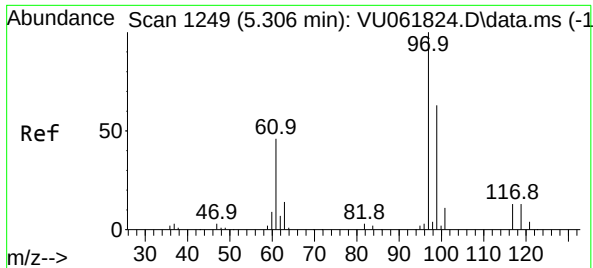
Tgt Ion: 83 Resp: 122820
Ion Ratio Lower Upper
83 100
85 63.9 44.1 81.9



#27
1,2-Dichloroethane
Concen: 5.526 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 62 Resp: 74925
Ion Ratio Lower Upper
62 100
98 8.9 7.7 11.5

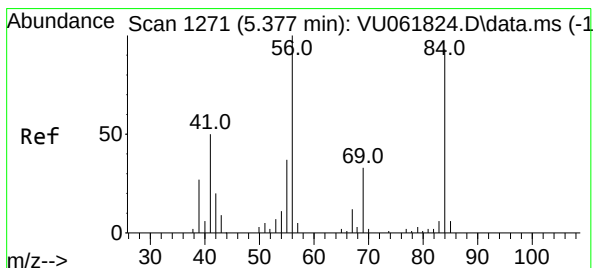
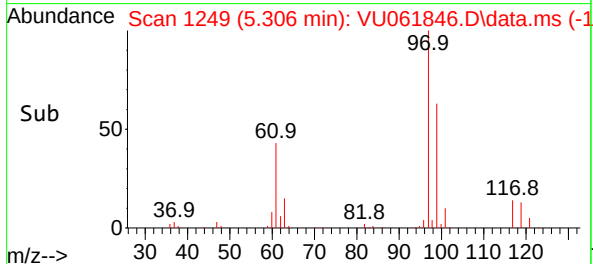
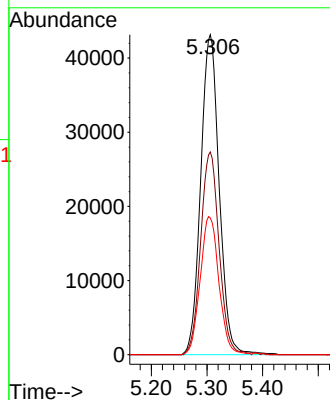
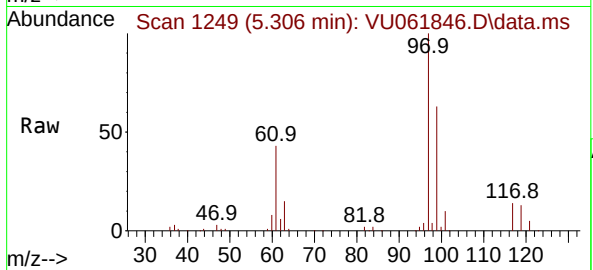




#29
1,1,1-Trichloroethane
Concen: 5.381 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

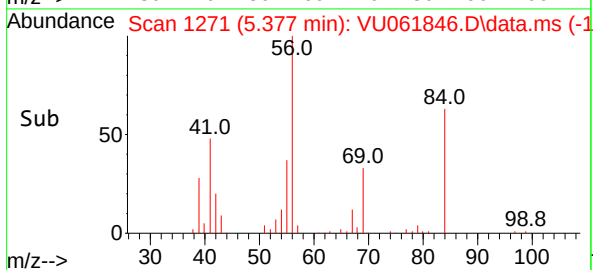
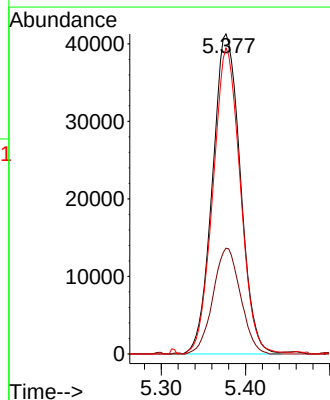
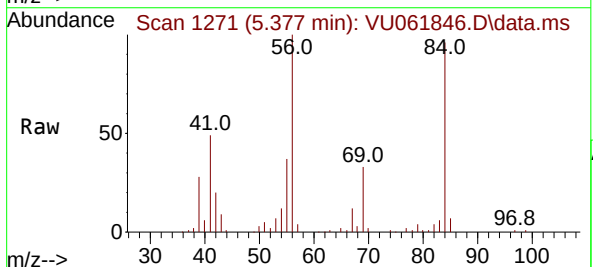
Instrument :
MSVOA_U
ClientSampleId :

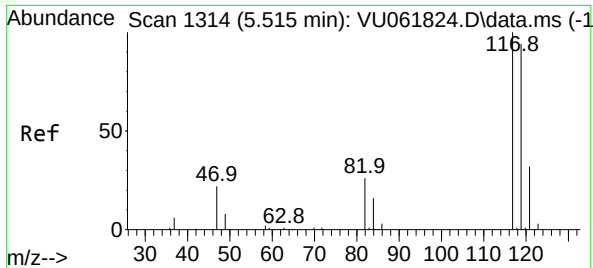
Tgt Ion:	97	Resp:	99698
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.7	77.5
61	43.6	35.4	53.0



#30
Cyclohexane
Concen: 5.106 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion:	56	Resp:	94502
Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.6	38.4
84	93.7	74.3	111.5

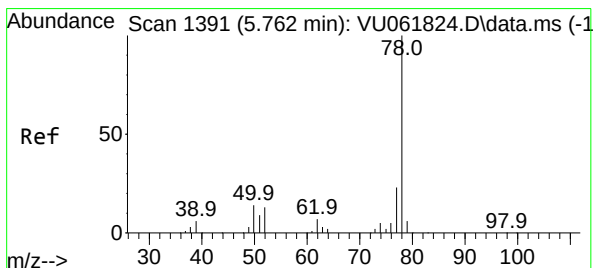
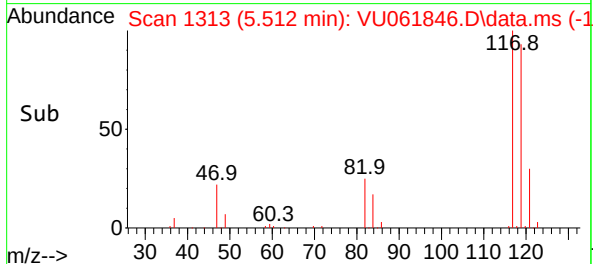
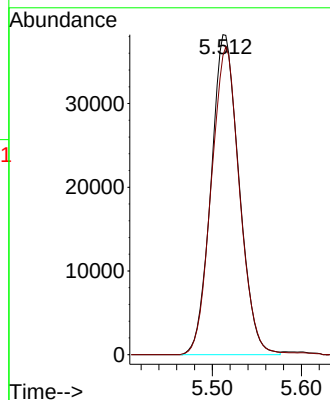
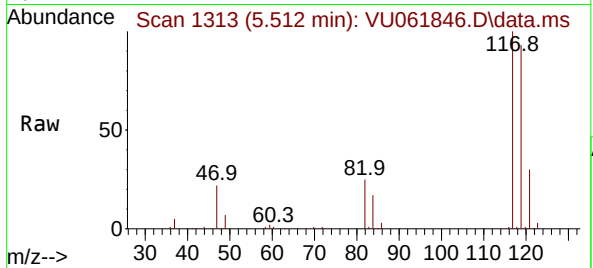




#31
Carbon tetrachloride
Concen: 5.302 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

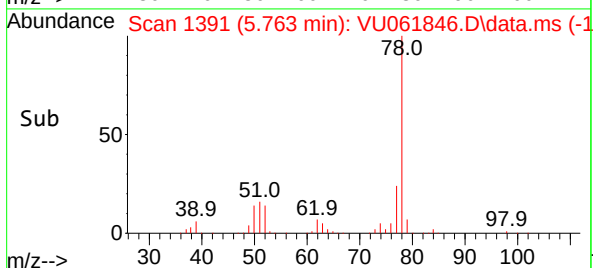
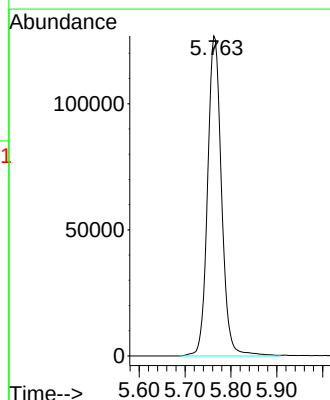
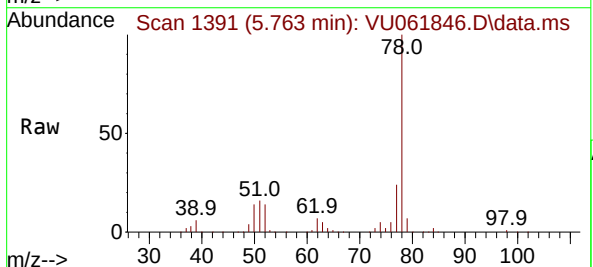
Instrument :
MSVOA_U
ClientSampleId :

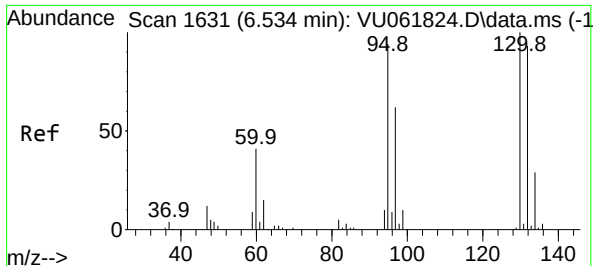
Tgt Ion:117 Resp: 83670
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8



#33
Benzene
Concen: 5.441 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 78 Resp: 268133

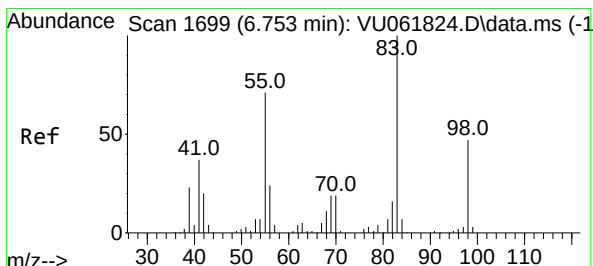
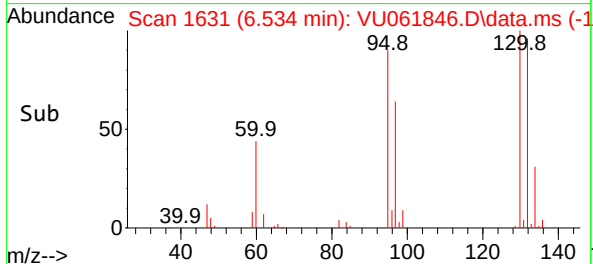
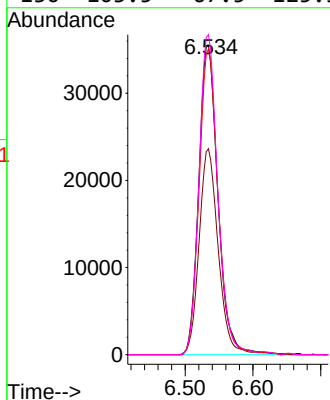
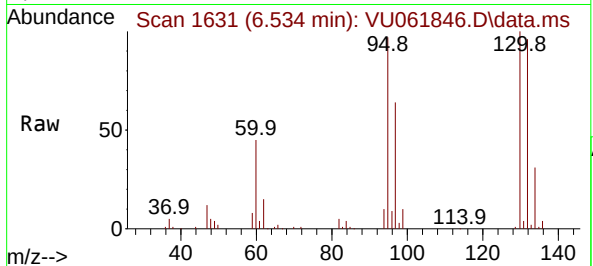




#34
Trichloroethene
Concen: 5.262 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

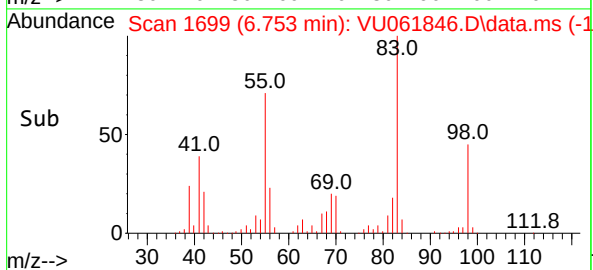
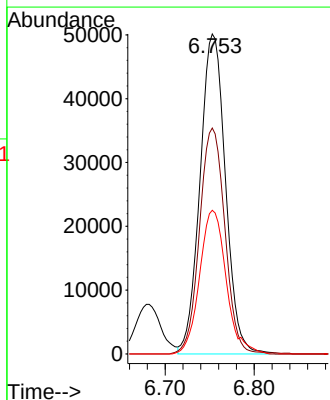
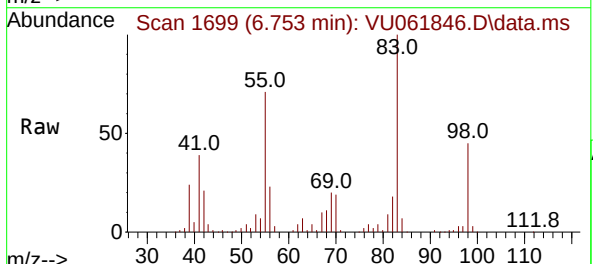
Instrument :
MSVOA_U
ClientSampleId :

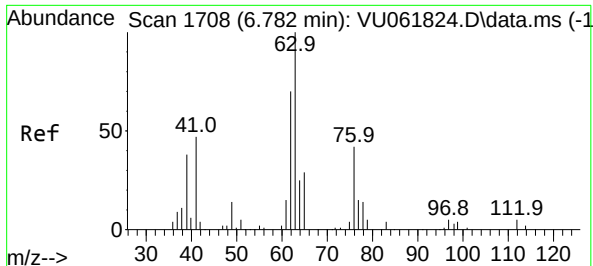
Tgt Ion: 95 Resp: 70020
Ion Ratio Lower Upper
95 100
97 66.6 43.5 80.9
132 98.9 65.2 121.0
130 103.5 67.5 125.3



#35
Methylcyclohexane
Concen: 4.964 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 83 Resp: 99614
Ion Ratio Lower Upper
83 100
55 70.2 56.4 84.6
98 46.8 37.7 56.5

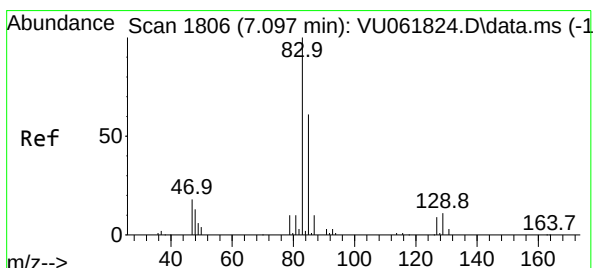
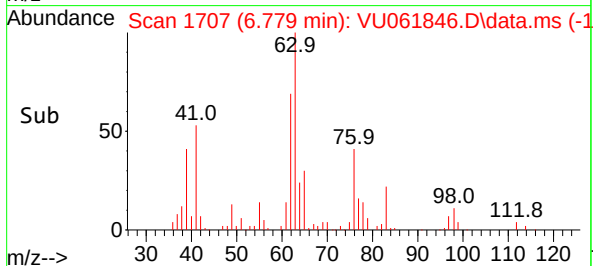
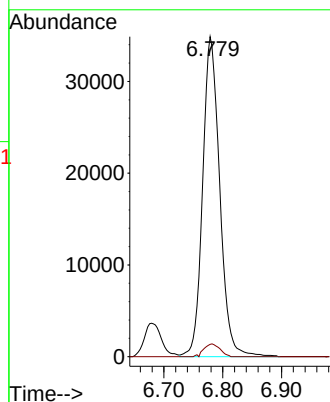
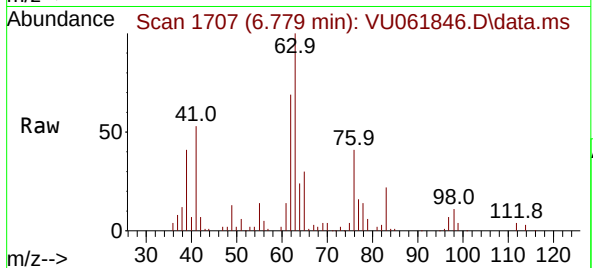




#37
1,2-Dichloropropane
Concen: 5.644 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

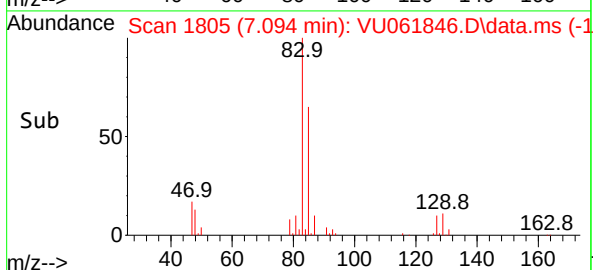
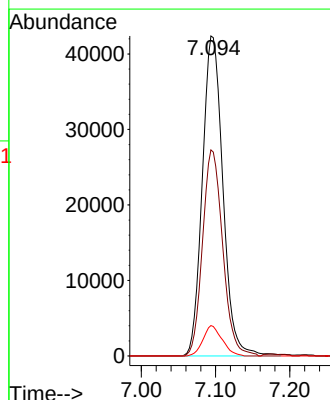
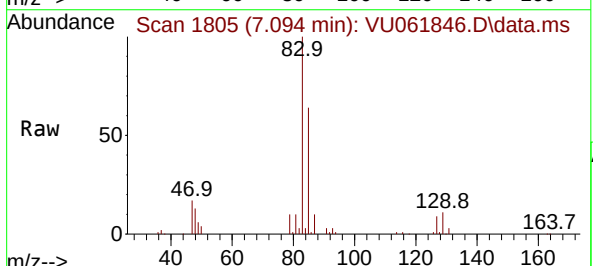
Instrument :
MSVOA_U
ClientSampleId :

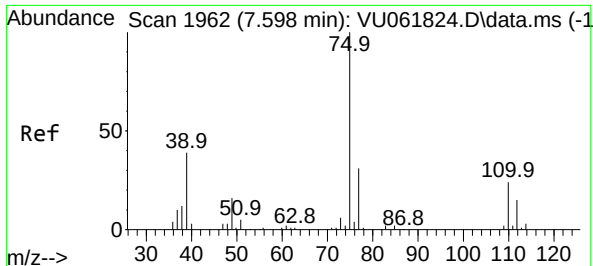
Tgt Ion: 63 Resp: 70559
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 5.430 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 83 Resp: 81445
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6
127 9.5 6.9 10.3

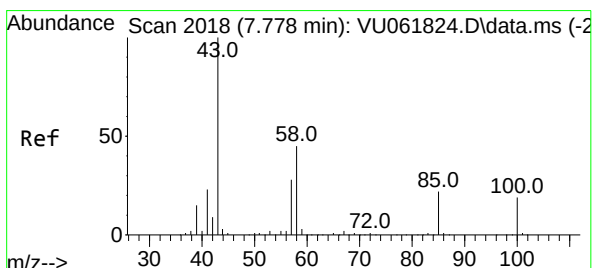
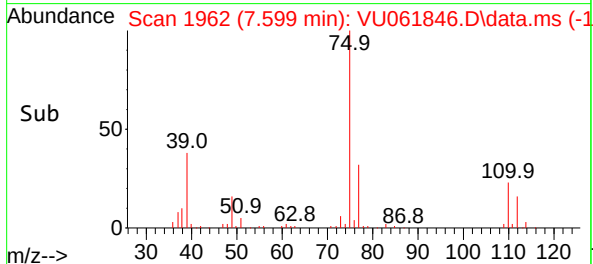
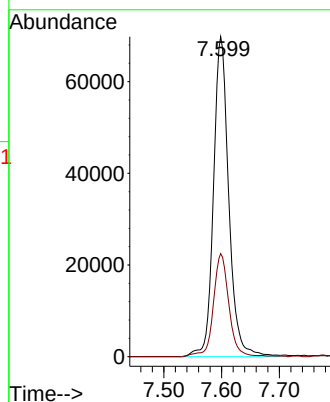
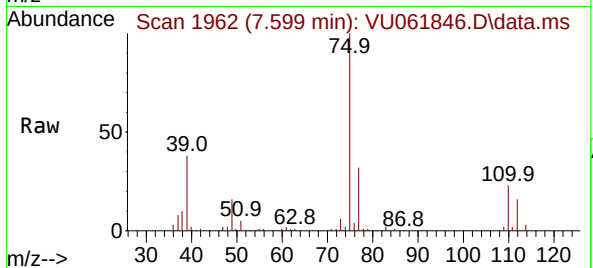




#39
cis-1,3-Dichloropropene
Concen: 7.231 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

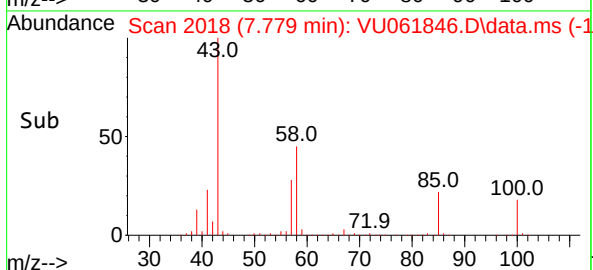
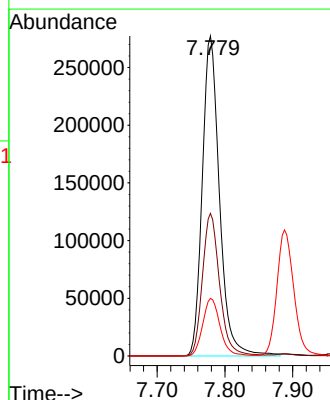
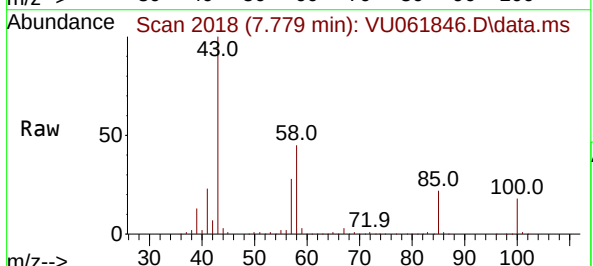
Instrument :
MSVOA_U
ClientSampleId :

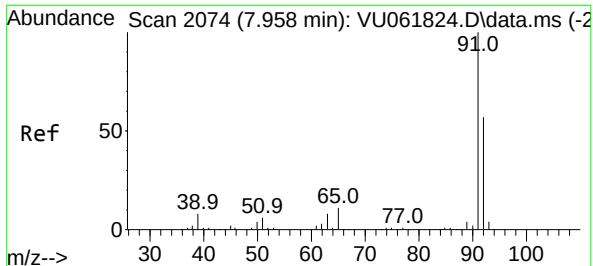
Tgt Ion: 75 Resp: 128654
Ion Ratio Lower Upper
75 100
77 32.2 22.9 42.5



#40
4-Methyl-2-pentanone
Concen: 81.585 ug/L
RT: 7.779 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 43 Resp: 489038
Ion Ratio Lower Upper
43 100
58 44.5 35.7 53.5
100 18.2 14.2 21.2





#42

Toluene

Concen: 7.076 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

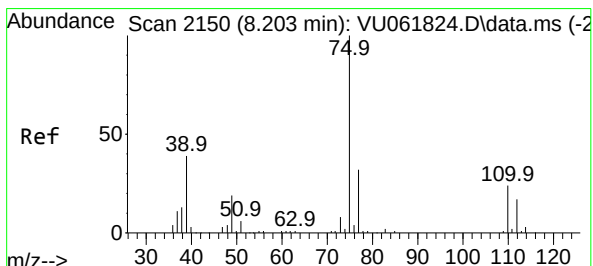
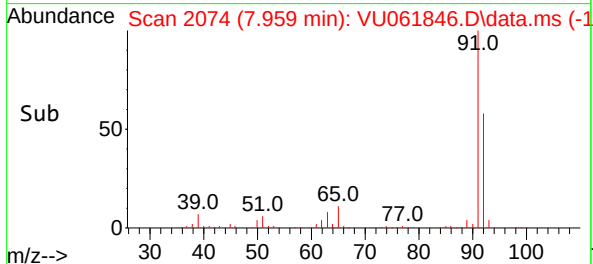
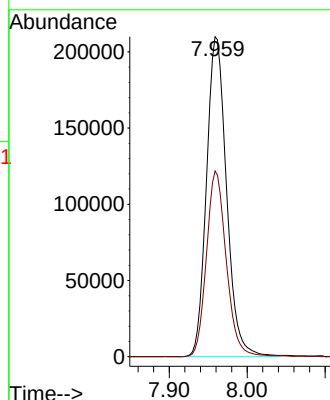
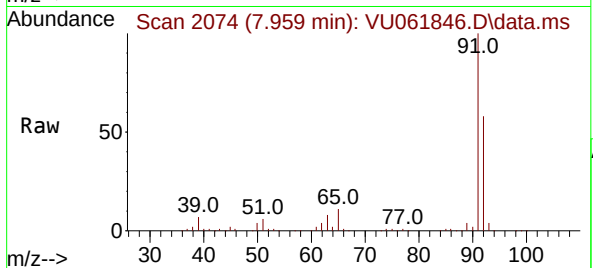
ClientSampleId :

Tgt Ion: 91 Resp: 375453

Ion Ratio Lower Upper

91 100

92 58.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 6.224 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU061846.D

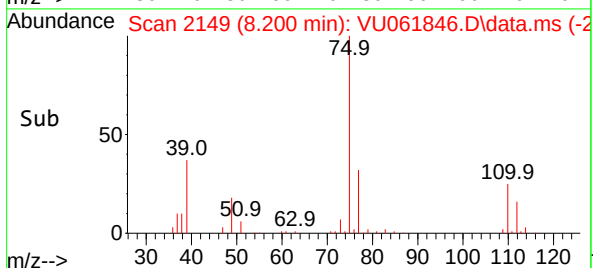
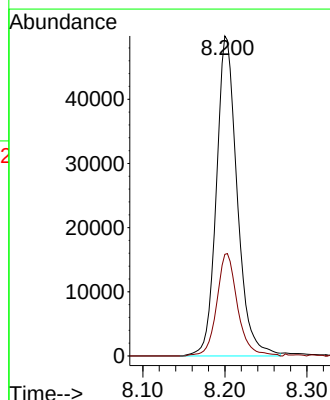
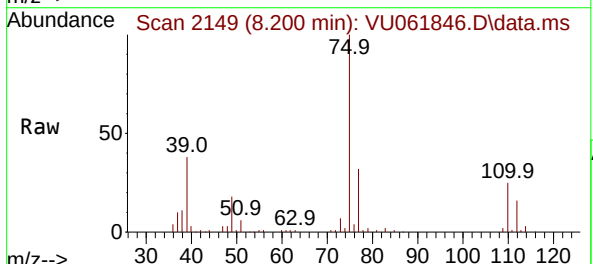
Acq: 19 Nov 2024 05:55

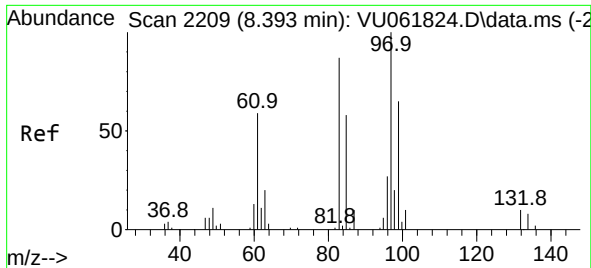
Tgt Ion: 75 Resp: 87845

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3



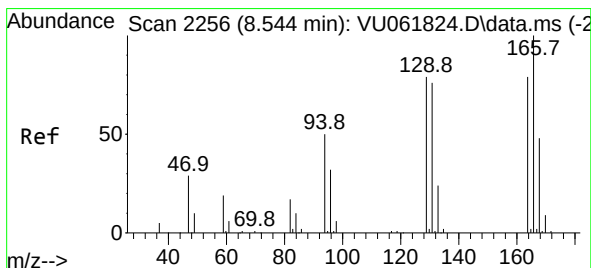
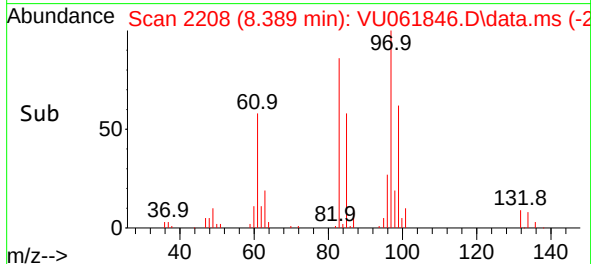
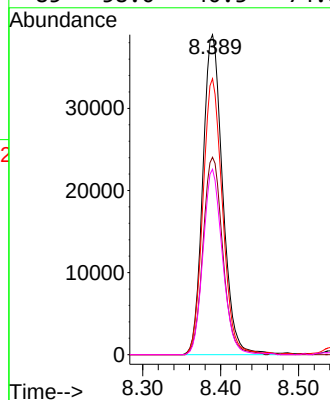
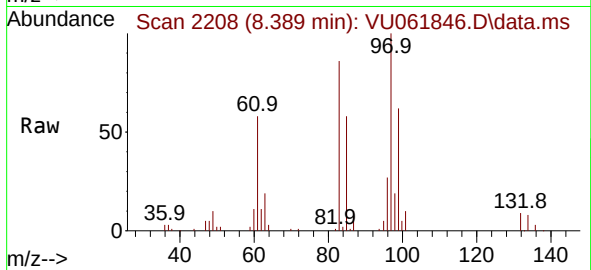


#45
1,1,2-Trichloroethane
Concen: 7.560 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 68896

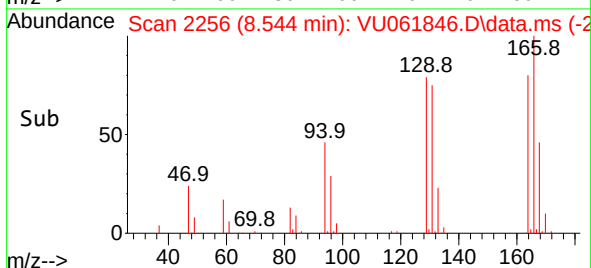
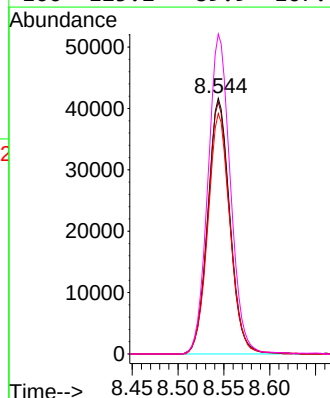
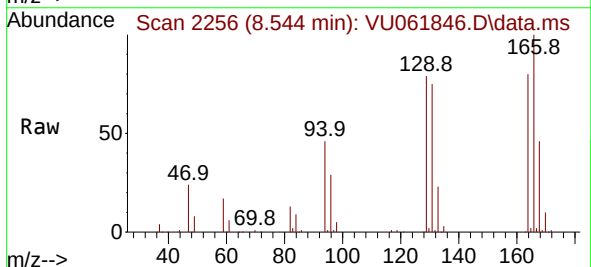
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.3
83	86.2	63.2	117.4
85	58.0	40.3	74.8

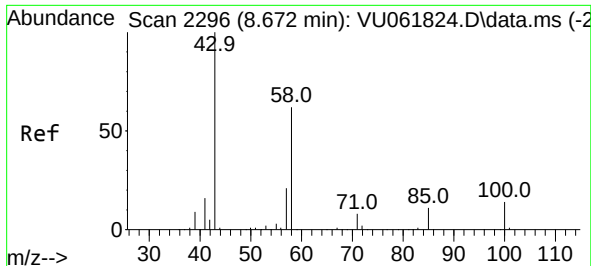


#47
Tetrachloroethene
Concen: 6.988 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 164 Resp: 69866

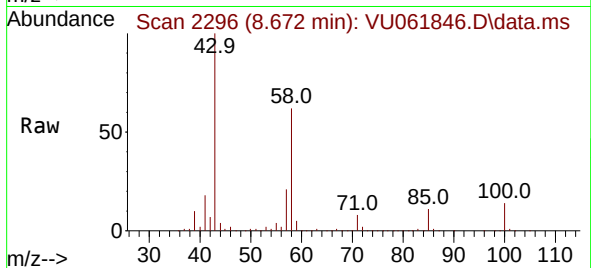
Ion	Ratio	Lower	Upper
164	100		
129	98.5	71.7	133.3
131	94.1	68.2	126.6
166	125.2	89.9	167.0



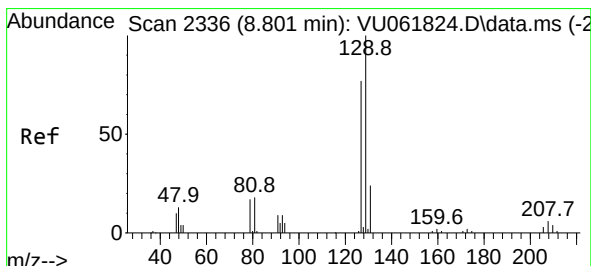
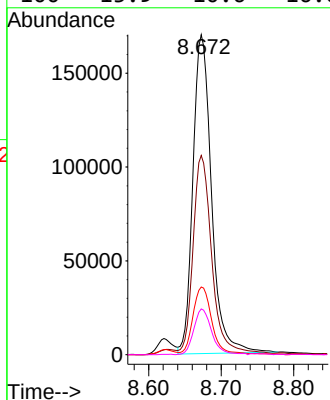
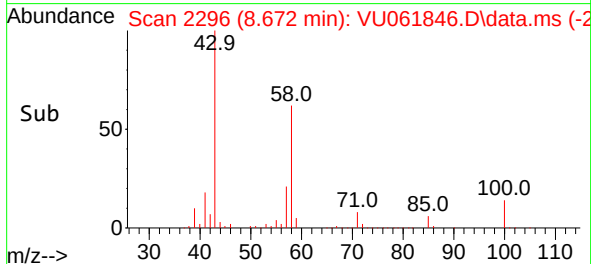


#48
2-Hexanone
Concen: 70.696 ug/L
RT: 8.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Instrument :
MSVOA_U
ClientSampleId :

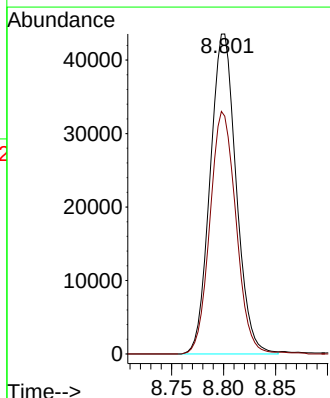
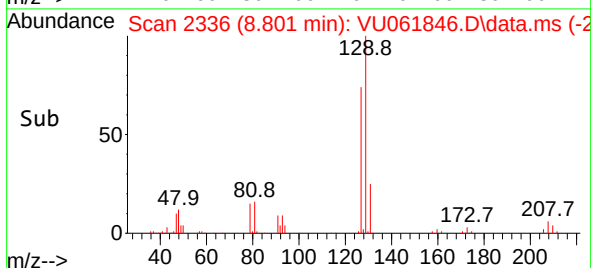
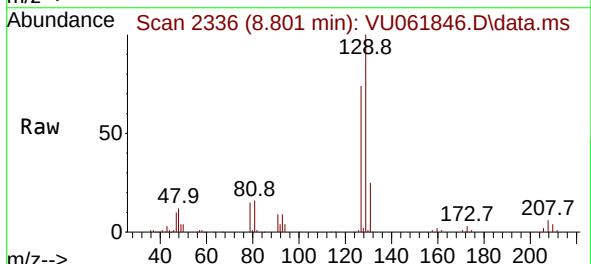


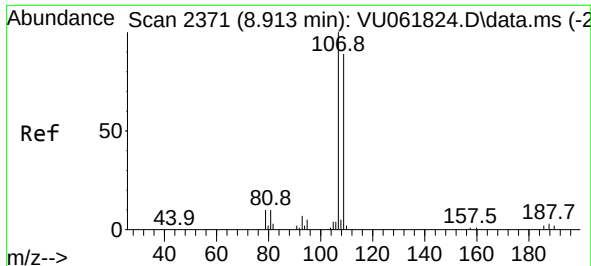
Tgt Ion: 43 Resp: 303002
Ion Ratio Lower Upper
43 100
58 62.0 49.4 74.2
57 22.1 16.3 24.5
100 13.9 10.6 16.0



#49
Dibromochloromethane
Concen: 7.952 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 129 Resp: 75991
Ion Ratio Lower Upper
129 100
127 74.3 55.1 102.3

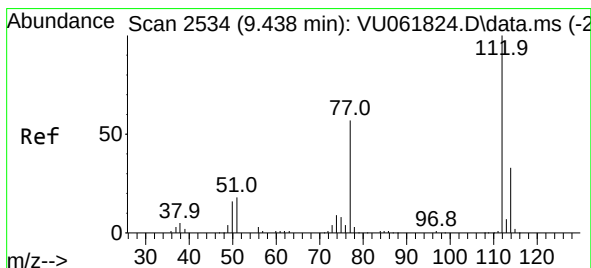
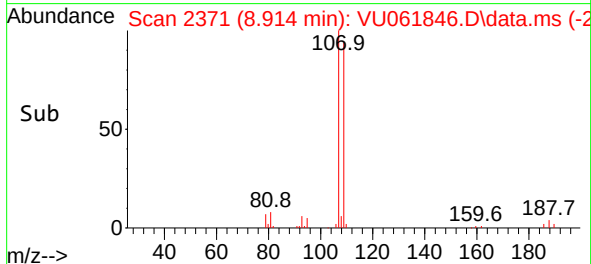
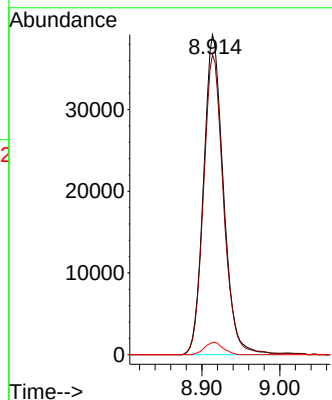
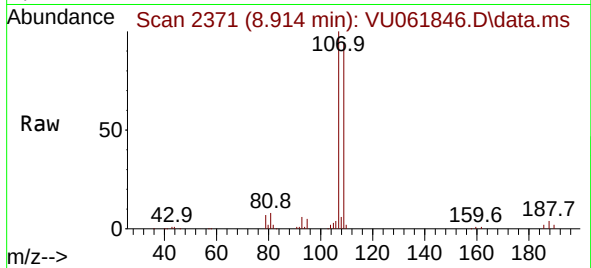




#50
1,2-Dibromoethane
Concen: 8.058 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

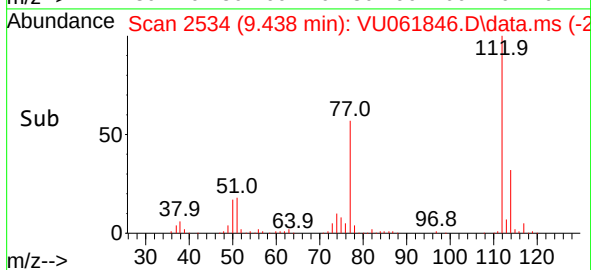
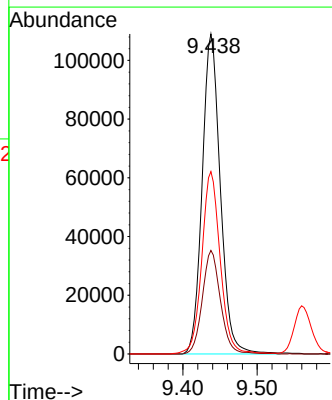
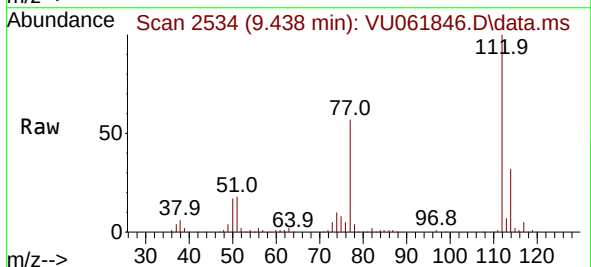
Instrument :
MSVOA_U
ClientSampleId :

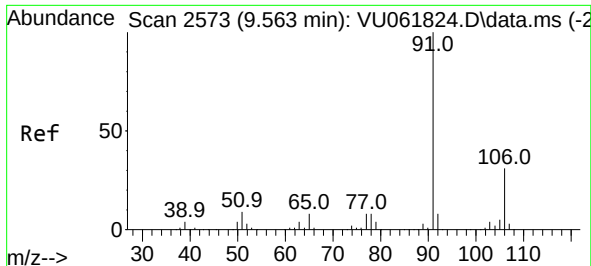
Tgt Ion:107 Resp: 69269
Ion Ratio Lower Upper
107 100
109 93.8 64.8 120.4
188 3.8 2.5 3.7#



#51
Chlorobenzene
Concen: 5.420 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion:112 Resp: 185112
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 57.0 45.3 67.9

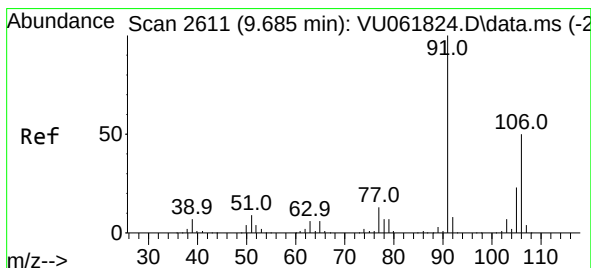
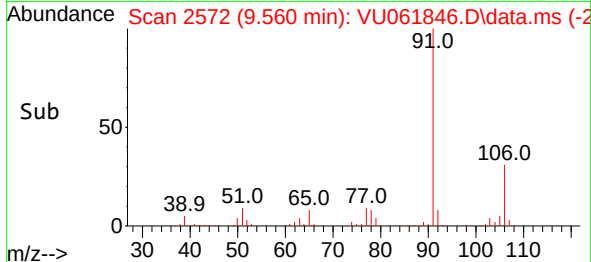
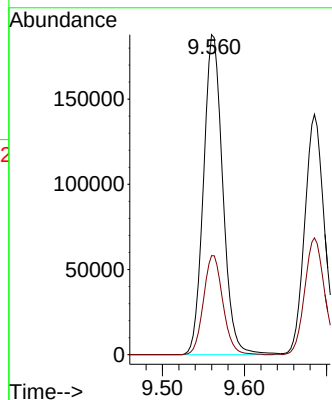
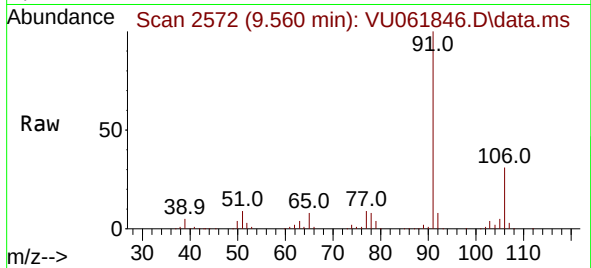




#52
Ethylbenzene
Concen: 5.420 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

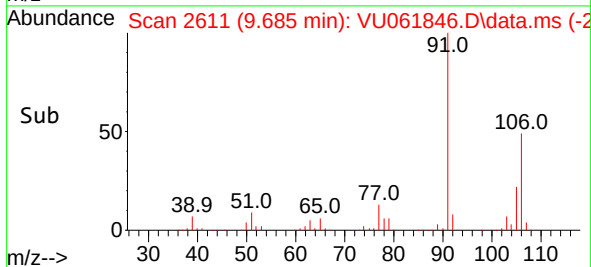
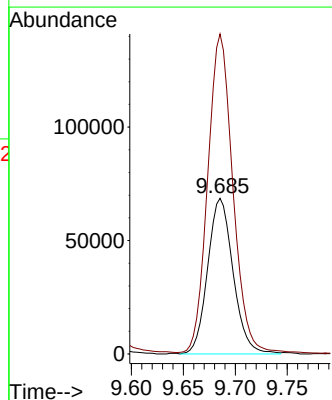
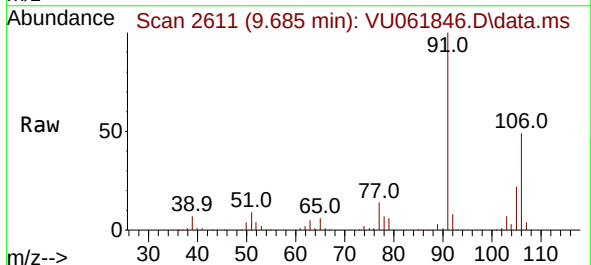
Instrument :
MSVOA_U
ClientSampleId :

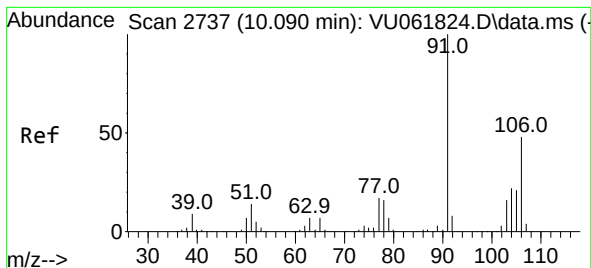
Tgt Ion: 91 Resp: 306330
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 5.414 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion: 106 Resp: 117069
Ion Ratio Lower Upper
106 100
91 205.6 140.4 260.8





#54

o-Xylene

Concen: 5.536 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

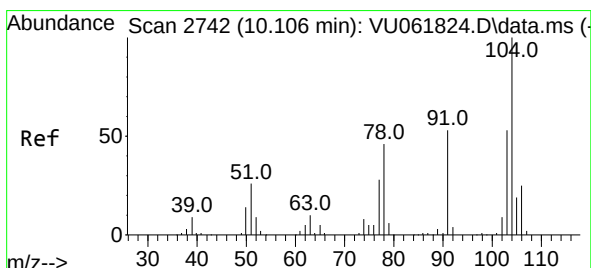
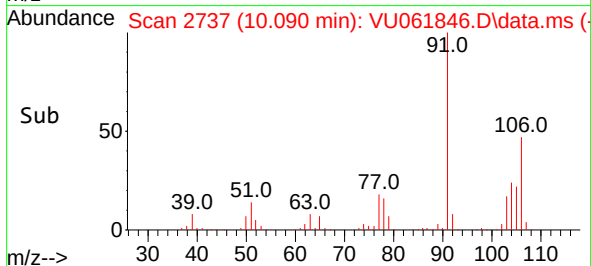
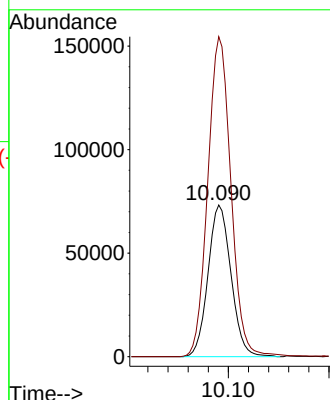
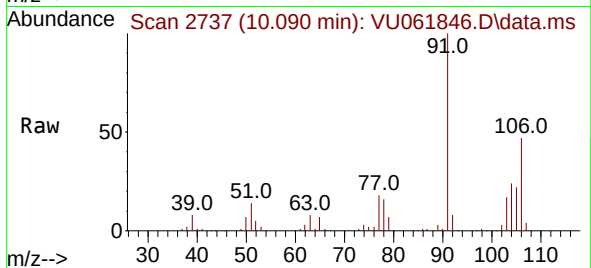
ClientSampleId :

Tgt Ion:106 Resp: 116356

Ion Ratio Lower Upper

106 100

91 210.8 151.3 280.9



#55

Styrene

Concen: 5.605 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061846.D

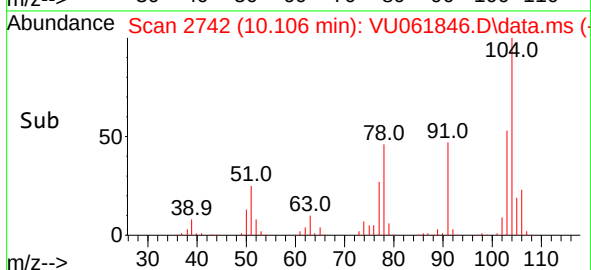
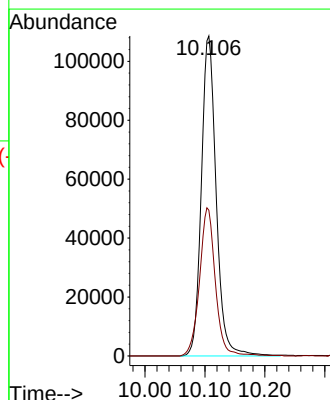
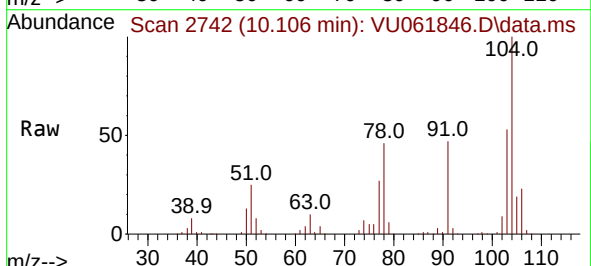
Acq: 19 Nov 2024 05:55

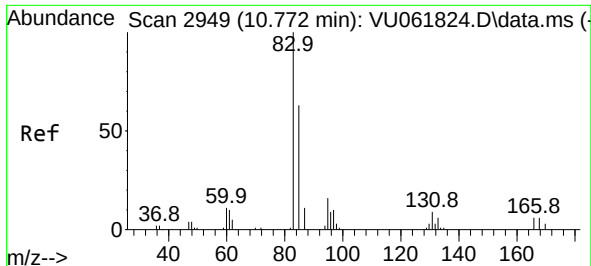
Tgt Ion:104 Resp: 187566

Ion Ratio Lower Upper

104 100

78 45.6 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.797 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

ClientSampleId :

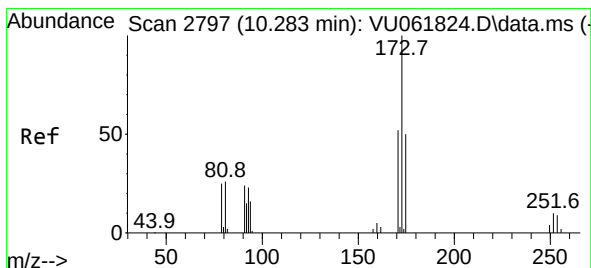
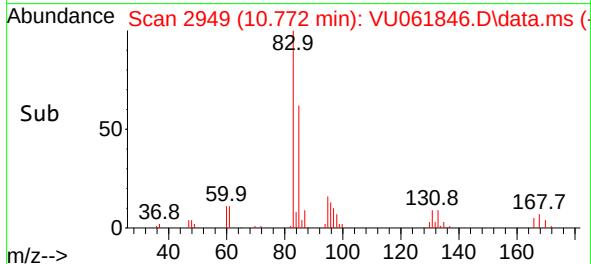
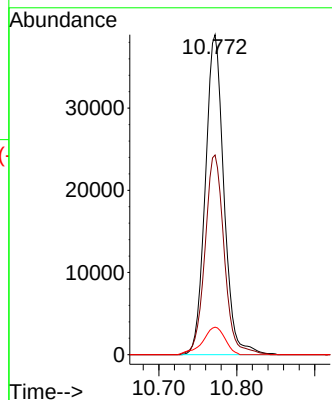
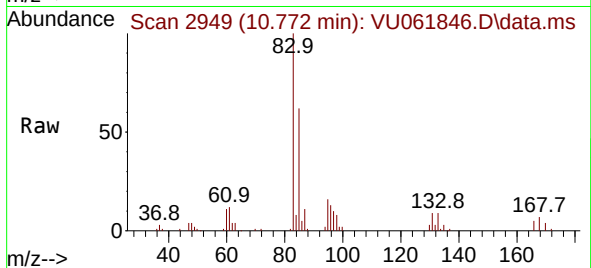
Tgt Ion: 83 Resp: 64294

Ion Ratio Lower Upper

83 100

85 62.4 41.9 77.9

131 8.6 7.8 11.6



#59

Bromoform

Concen: 5.245 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

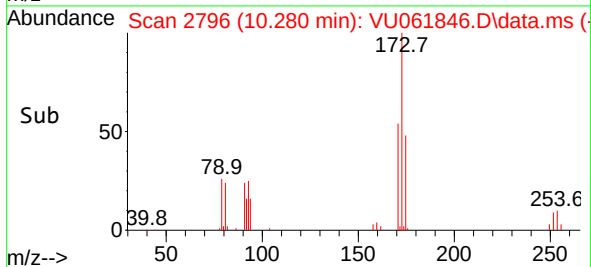
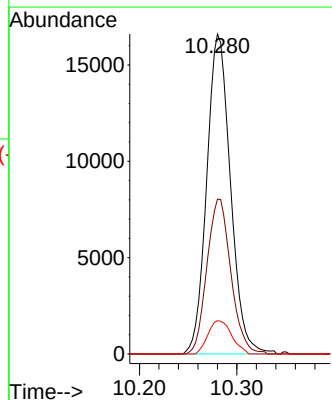
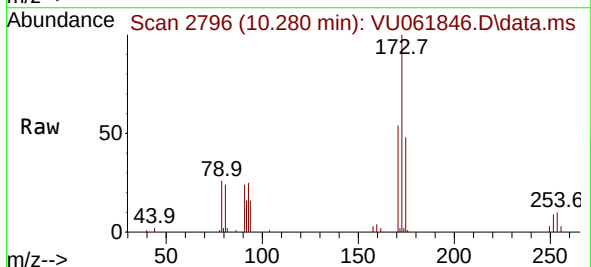
Tgt Ion: 173 Resp: 28095

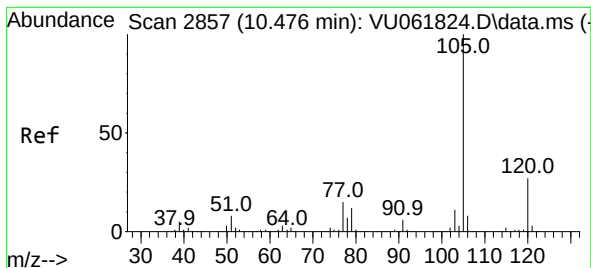
Ion Ratio Lower Upper

173 100

175 48.8 39.3 58.9

254 10.4 7.8 11.8





#60

Isopropylbenzene

Concen: 5.400 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

ClientSampleId :

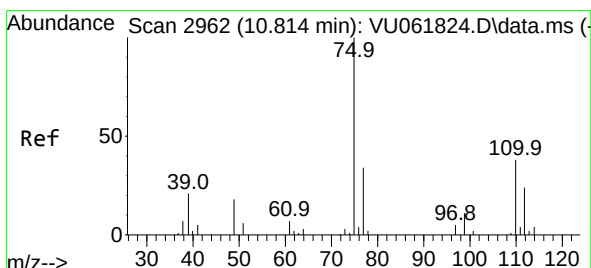
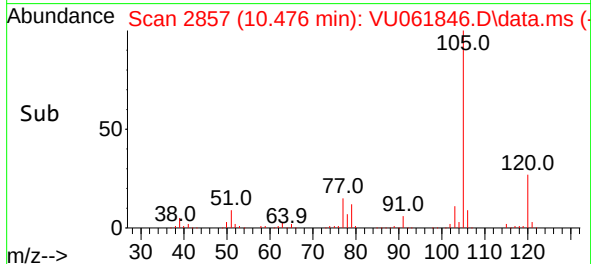
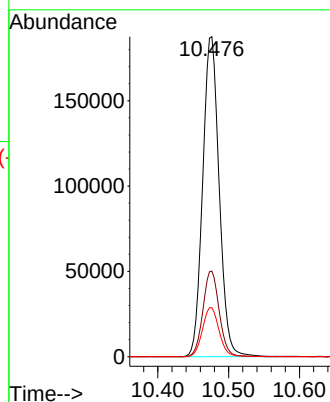
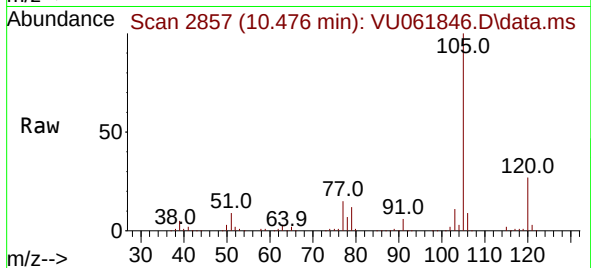
Tgt Ion:105 Resp: 303062

Ion Ratio Lower Upper

105 100

120 26.5 21.6 32.4

77 15.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.780 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

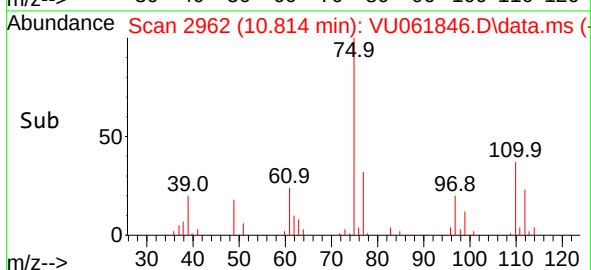
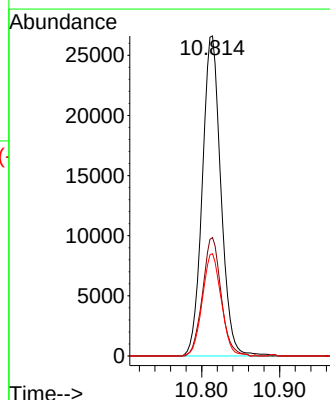
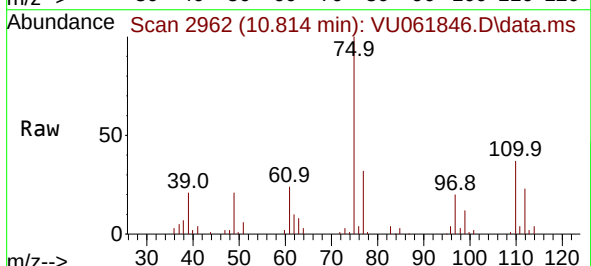
Tgt Ion: 75 Resp: 44070

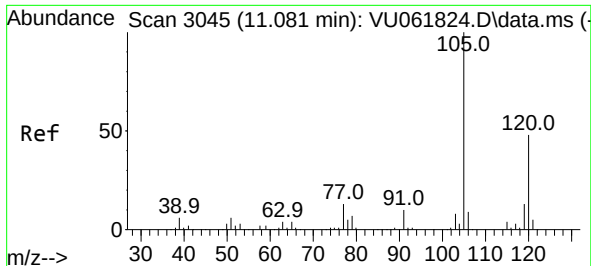
Ion Ratio Lower Upper

75 100

110 36.8 31.3 46.9

77 32.5 26.0 39.0

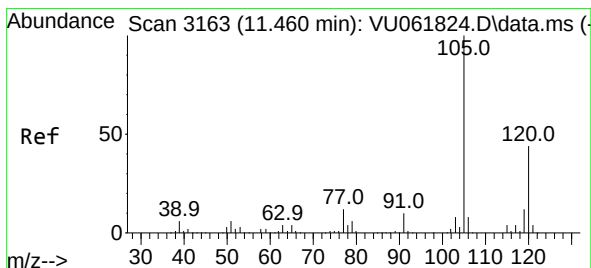
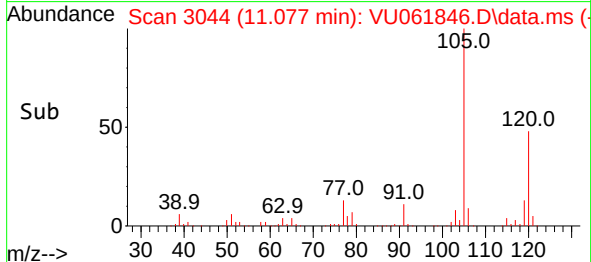
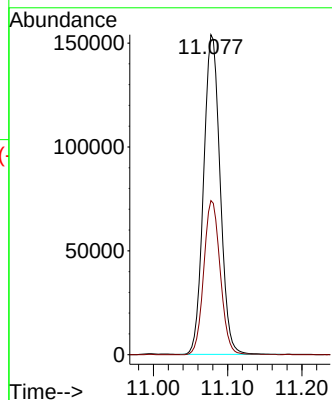
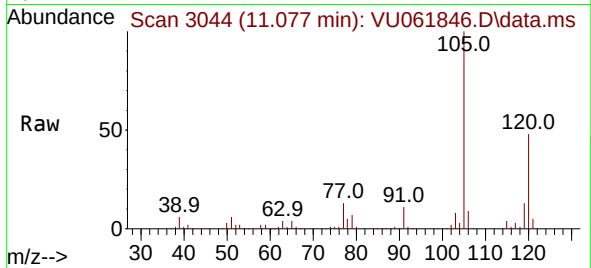




#62
1,3,5-Trimethylbenzene
Concen: 5.285 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

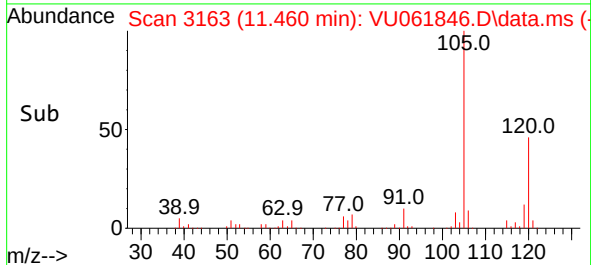
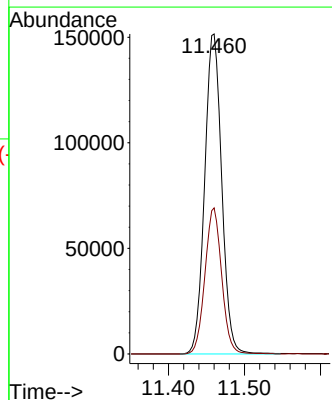
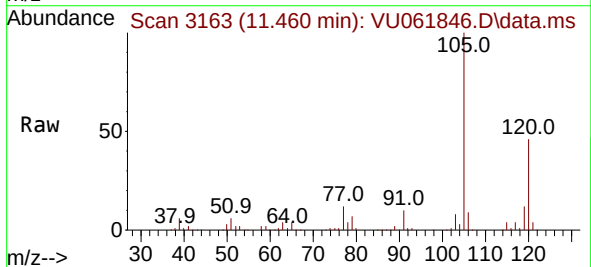
Instrument :
MSVOA_U
ClientSampleId :

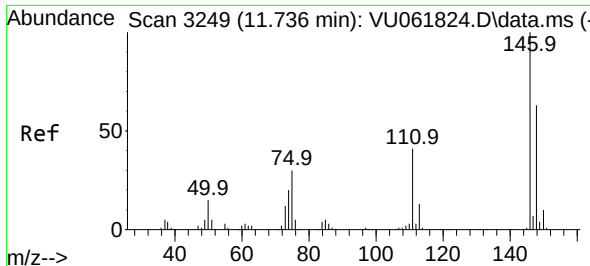
Tgt Ion:105 Resp: 237515
Ion Ratio Lower Upper
105 100
120 48.0 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.403 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

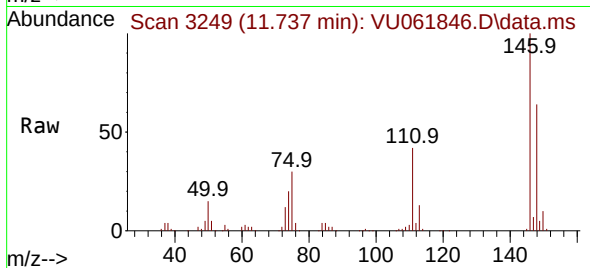
Tgt Ion:105 Resp: 236328
Ion Ratio Lower Upper
105 100
120 44.7 36.3 54.5



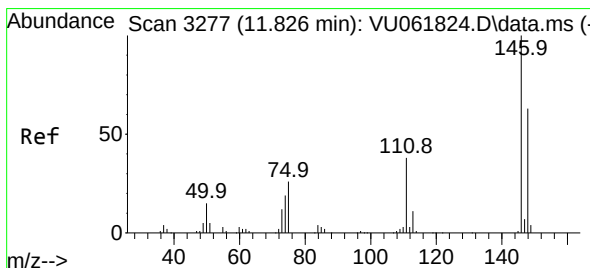
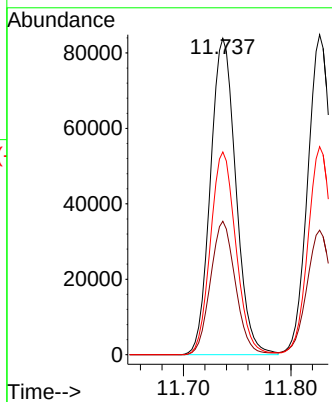
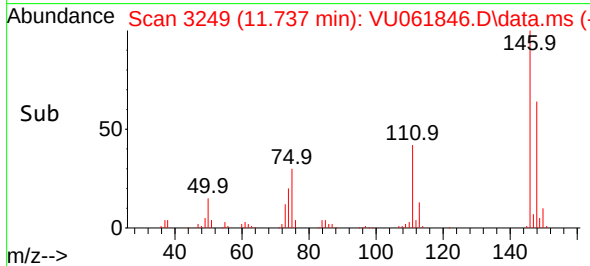


#64
1,3-Dichlorobenzene
Concen: 5.360 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

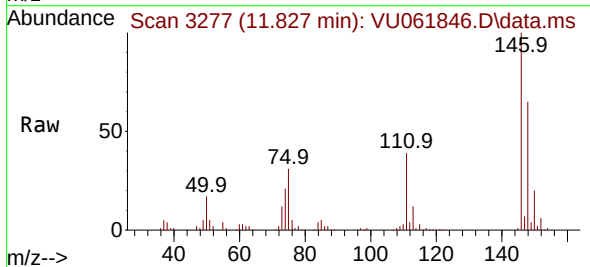
Instrument :
MSVOA_U
ClientSampleId :



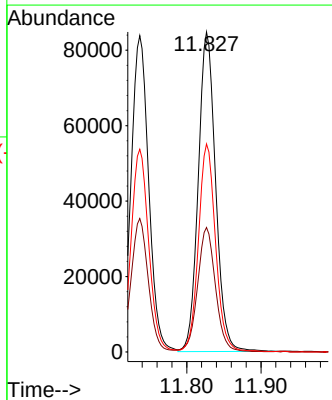
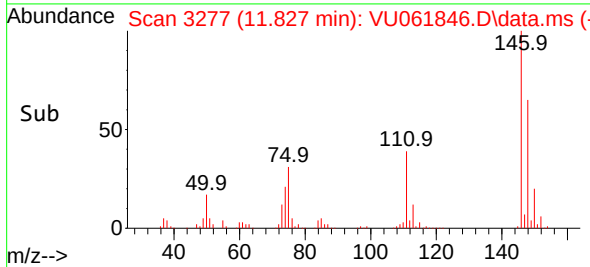
Tgt Ion:146 Resp: 137975
Ion Ratio Lower Upper
146 100
111 42.2 29.3 54.3
148 64.1 44.5 82.7

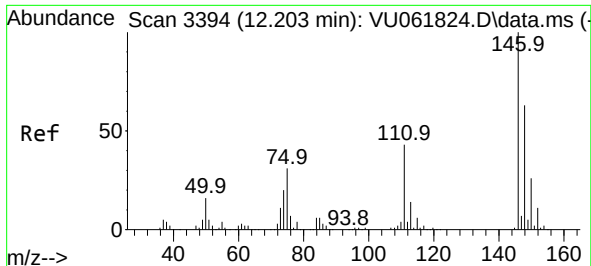


#65
1,4-Dichlorobenzene
Concen: 5.270 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55



Tgt Ion:146 Resp: 137738
Ion Ratio Lower Upper
146 100
111 38.9 28.8 53.4
148 65.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.447 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

Instrument :

MSVOA_U

ClientSampleId :

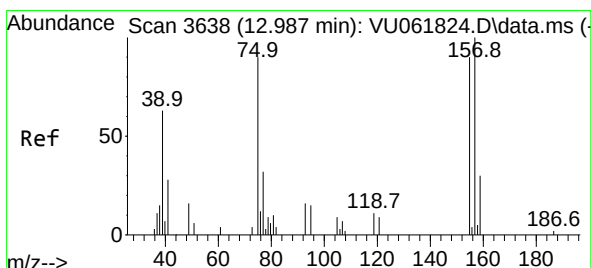
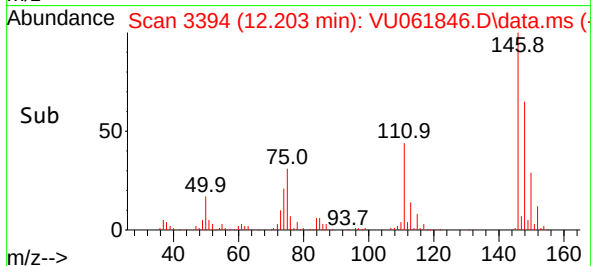
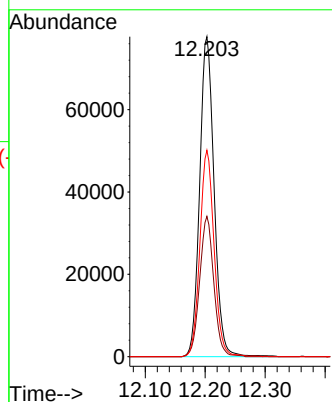
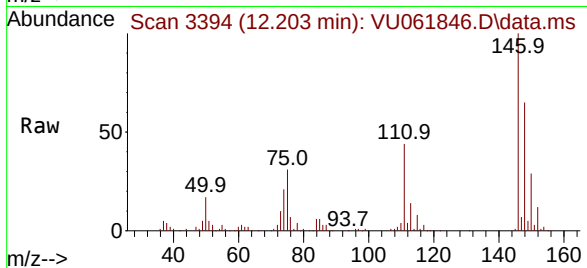
Tgt Ion:146 Resp: 130386

Ion Ratio Lower Upper

146 100

111 43.8 35.2 52.8

148 64.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.577 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061846.D

Acq: 19 Nov 2024 05:55

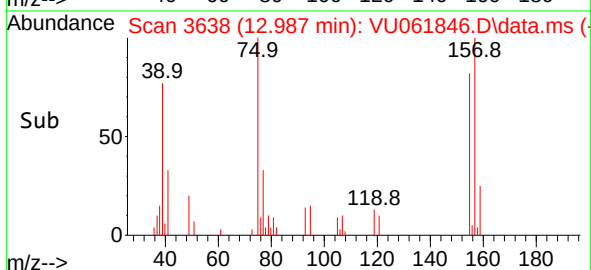
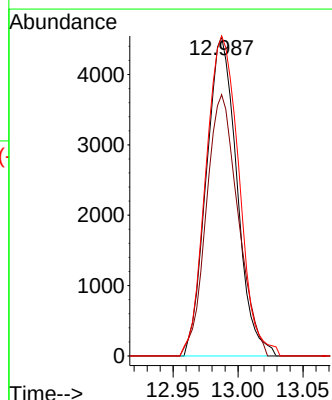
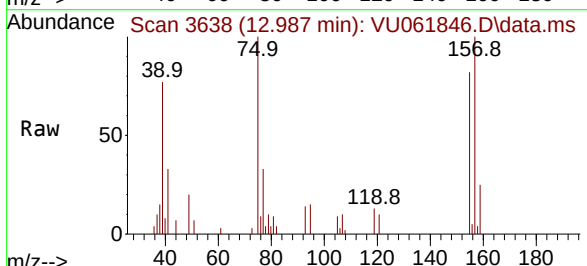
Tgt Ion: 75 Resp: 7425

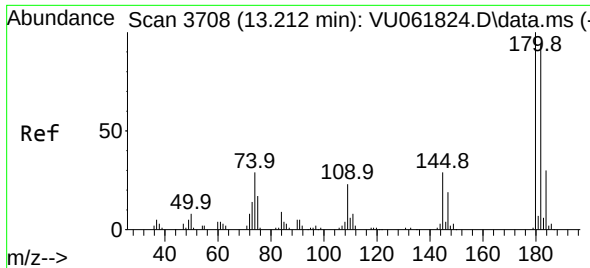
Ion Ratio Lower Upper

75 100

155 81.9 62.6 93.8

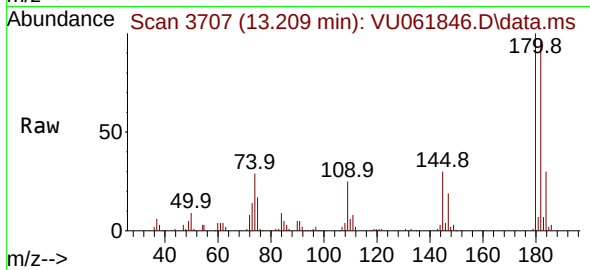
157 100.2 84.9 127.3



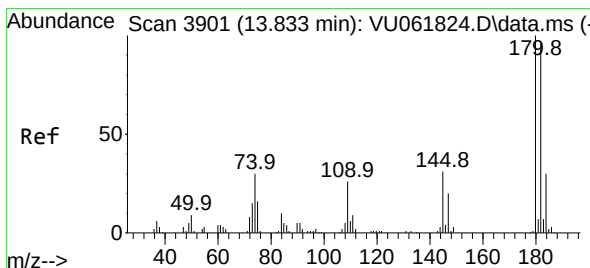
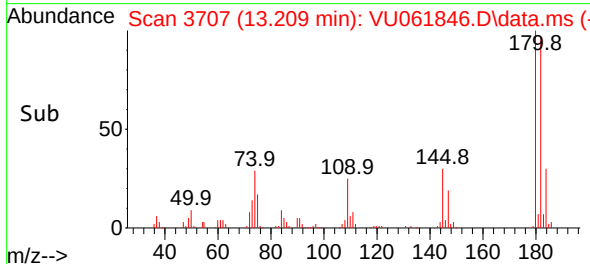
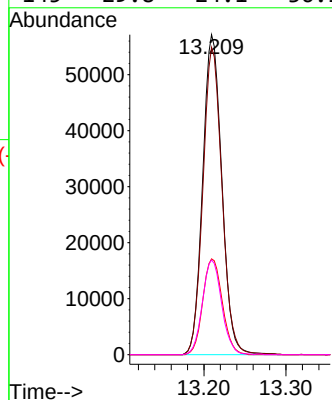


#69
1,3,5-Trichlorobenzene
Concen: 5.151 ug/L
RT: 13.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Instrument :
MSVOA_U
ClientSampleId :

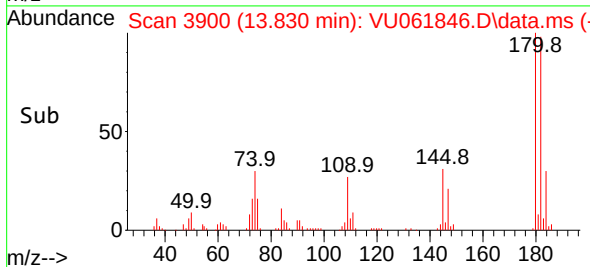
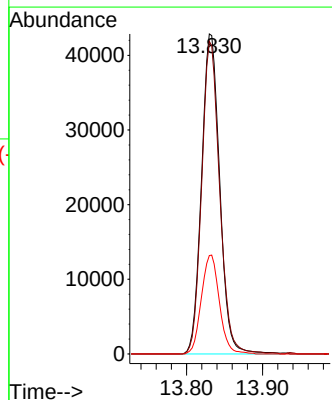
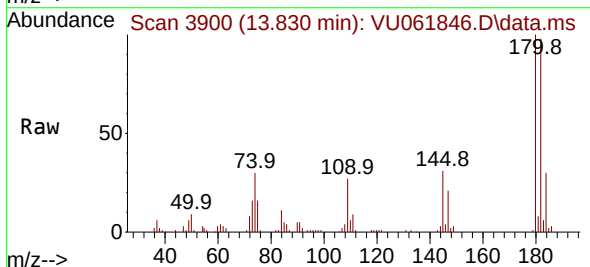


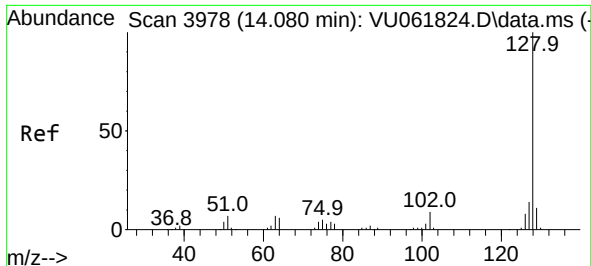
Tgt Ion:180 Resp: 92574
Ion Ratio Lower Upper
180 100
182 96.0 77.1 115.7
184 30.6 24.7 37.1
145 29.8 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 5.107 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion:180 Resp: 71126
Ion Ratio Lower Upper
180 100
182 96.5 77.4 116.0
145 30.6 24.5 36.7

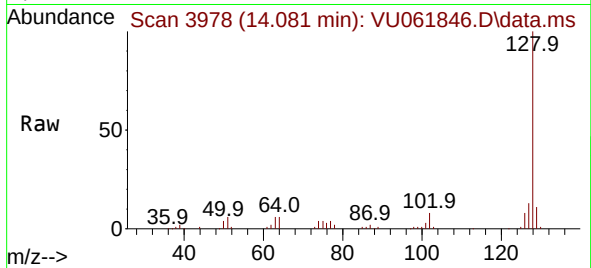




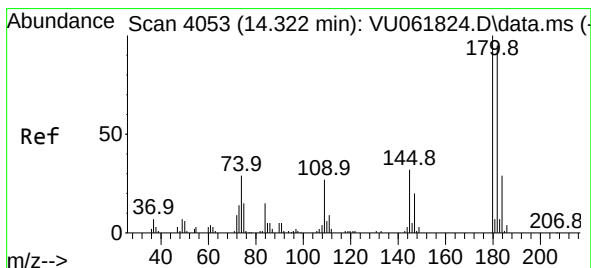
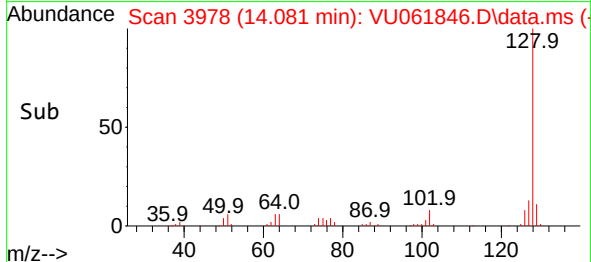
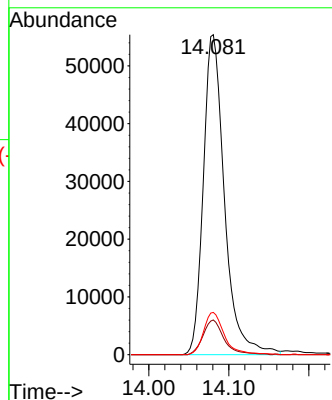
#71
Naphthalene

Concen: 5.111 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 102201
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.220 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061846.D
Acq: 19 Nov 2024 05:55

Tgt Ion:180 Resp: 61038
Ion Ratio Lower Upper
180 100
182 97.8 76.6 114.8
145 32.8 26.3 39.5

