

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061982.D
 Acq On : 22 Nov 2024 19:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 22:48:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 22:40:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	112841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25099	4.198	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.907	69	21890	4.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.560	65	11319	4.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.618	46	98476	52.447	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	5.052	84	74477	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.692	65	38109	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.718	84	121205	5.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.679	67	41936	5.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.200%
41) Toluene-d8	7.888	98	102367	5.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
43) trans-1,3-Dichloroprop...	8.174	79	16083	5.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.400%
46) 2-Hexanone-d5	8.624	63	69298	54.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39833	5.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	45414	5.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54620	5.121	ug/L	99
3) Chloromethane	1.515	50	52026	4.733	ug/L	100
5) Vinyl chloride	1.602	62	49088	4.346	ug/L	99
6) Bromomethane	1.853	94	29531	4.393	ug/L	100
8) Chloroethane	1.927	64	28587	3.926	ug/L	98
9) Trichlorofluoromethane	2.132	101	71190	4.983	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39211	4.461	ug/L	93
12) 1,1-Dichloroethene	2.573	96	38540	4.715	ug/L	95
13) Acetone	2.628	43	60803	46.902	ug/L	94
14) Carbon disulfide	2.788	76	114870	4.418	ug/L	99
15) Methyl Acetate	2.946	43	16255	4.883	ug/L	97
16) Methylene chloride	3.036	84	45490	4.634	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	107925	5.151	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	41309	4.780	ug/L	91
19) 1,1-Dichloroethane	3.859	63	80207	4.765	ug/L	99
21) 2-Butanone	4.695	43	100644	48.036	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	46468	4.778	ug/L	98
23) Bromochloromethane	4.965	128	21954	5.193	ug/L	90
25) Chloroform	5.074	83	87111	4.950	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061982.D
 Acq On : 22 Nov 2024 19:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

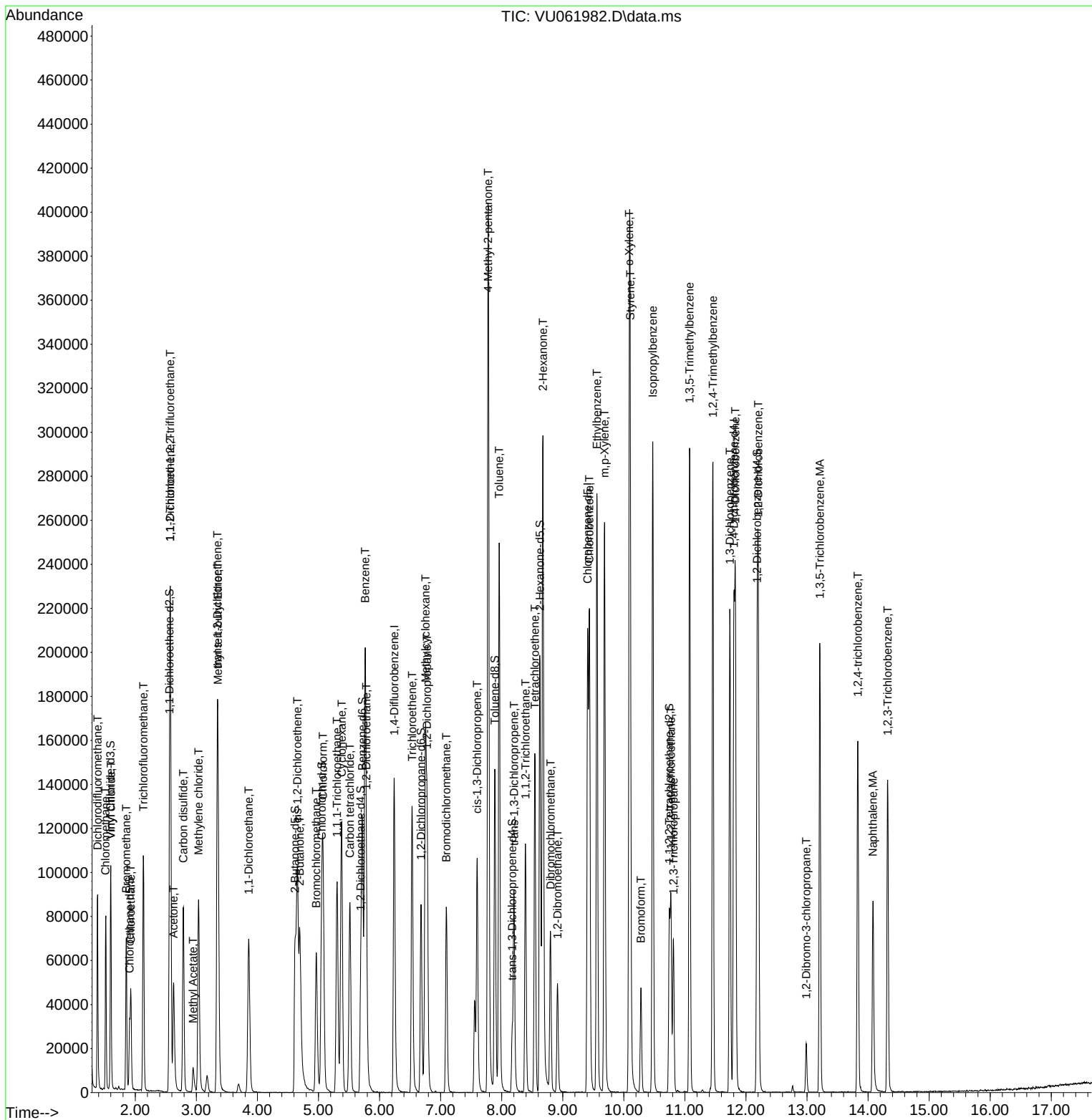
Instrument :
 MSVOA_U
 ClientSampleId :

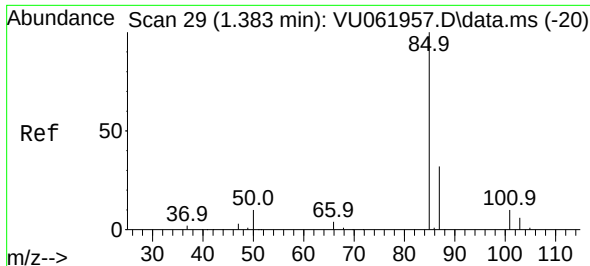
Quant Time: Nov 22 22:48:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 22:40:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57293	5.061	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	73532	5.654	ug/L	96
30) Cyclohexane	5.380	56	63835	4.692	ug/L	99
31) Carbon tetrachloride	5.515	117	62746	5.682	ug/L	97
33) Benzene	5.766	78	180103	5.285	ug/L	100
34) Trichloroethene	6.534	95	48391	5.321	ug/L	98
35) Methylcyclohexane	6.753	83	64488	4.635	ug/L	98
37) 1,2-Dichloropropane	6.779	63	48373	5.464	ug/L	98
38) Bromodichloromethane	7.094	83	58328	5.432	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	68268	5.499	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	254031	53.178	ug/L	95
42) Toluene	7.959	91	188716	5.277	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	55880	5.668	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	35982	5.517	ug/L	97
47) Tetrachloroethene	8.544	164	34705	5.247	ug/L	97
48) 2-Hexanone	8.676	43	186114	52.023	ug/L	96
49) Dibromochloromethane	8.801	129	38638	5.608	ug/L	97
50) 1,2-Dibromoethane	8.914	107	34414	5.316	ug/L	100
51) Chlorobenzene	9.438	112	118234	4.827	ug/L	99
52) Ethylbenzene	9.560	91	203316	4.751	ug/L	97
53) m,p-Xylene	9.685	106	76460	5.063	ug/L	100
54) o-Xylene	10.090	106	74295	4.874	ug/L	94
55) Styrene	10.106	104	125324	4.991	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	43401	5.192	ug/L	97
59) Bromoform	10.280	173	21958	5.256	ug/L	99
60) Isopropylbenzene	10.476	105	196101	4.475	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	30023	4.621	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	165491	4.734	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	163297	4.686	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	90143	4.634	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	91449	4.857	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	85756	5.069	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6339	5.717	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	65417	5.652	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	50770	5.723	ug/L	96
71) Naphthalene	14.081	128	78682	5.503	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	45737	5.986	ug/L	99

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

Quant Time: Nov 22 22:48:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 22:40:46 2024
Response via : Initial Calibration

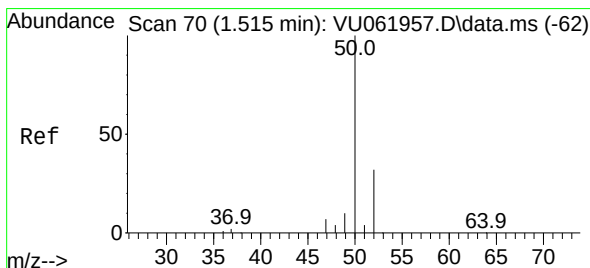
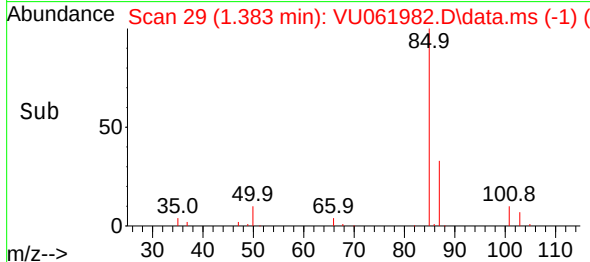
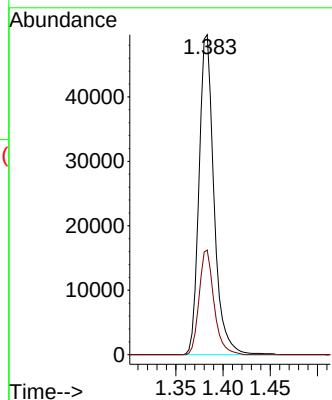
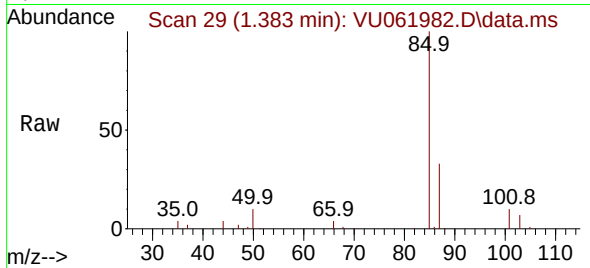




#2
 Dichlorodifluoromethane
 Concen: 5.121 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU061982.D
 Acq: 22 Nov 2024 19:44

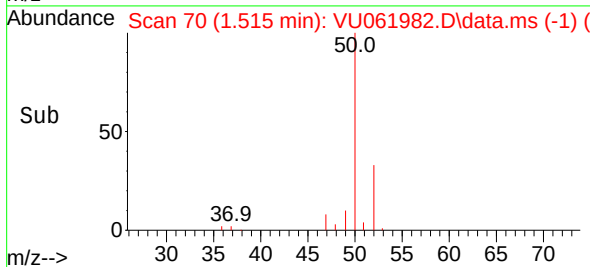
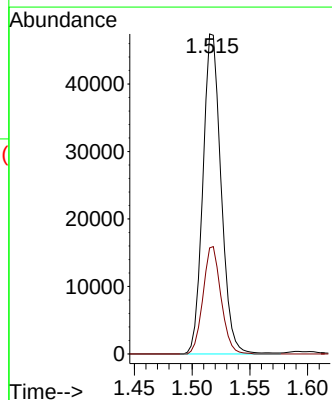
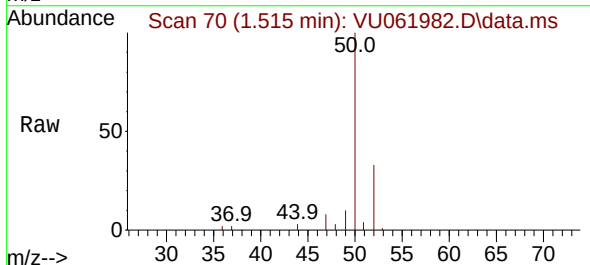
Instrument :
 MSVOA_U
 ClientSampleId :

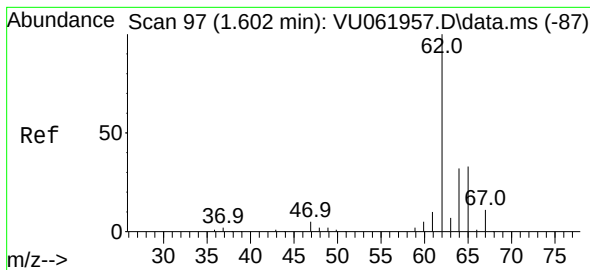
Tgt Ion: 85 Resp: 54620
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.6 40.0



#3
 Chloromethane
 Concen: 4.733 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061982.D
 Acq: 22 Nov 2024 19:44

Tgt Ion: 50 Resp: 52026
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.1 42.9





#5

Vinyl chloride

Concen: 4.346 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

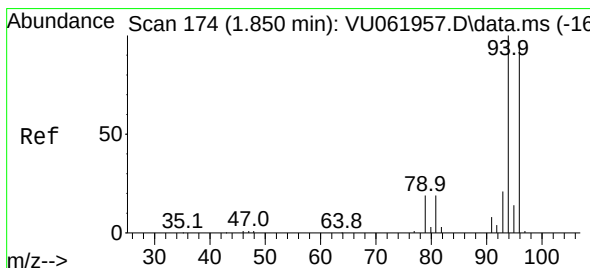
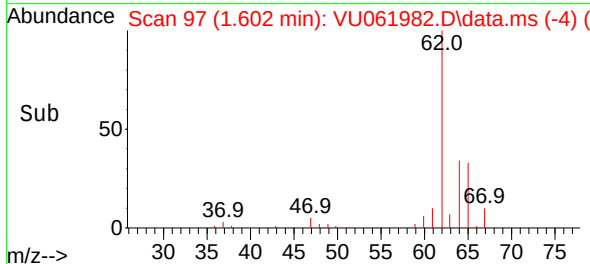
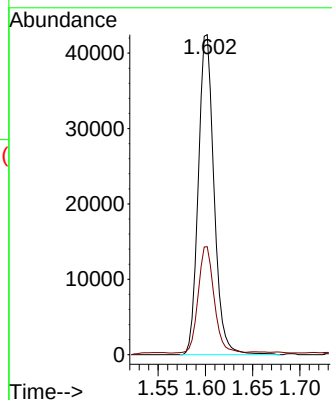
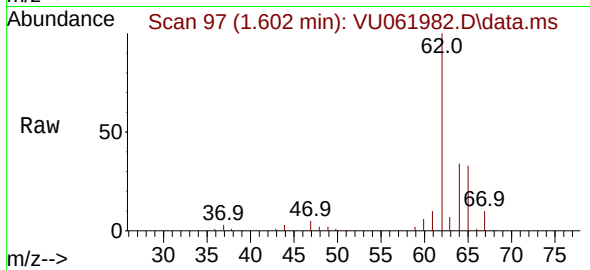
ClientSampleId :

Tgt Ion: 62 Resp: 49088

Ion Ratio Lower Upper

62 100

64 33.8 23.1 42.9



#6

Bromomethane

Concen: 4.393 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU061982.D

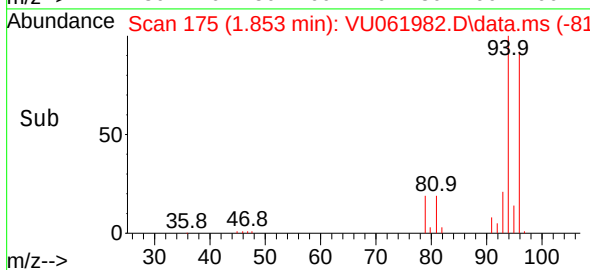
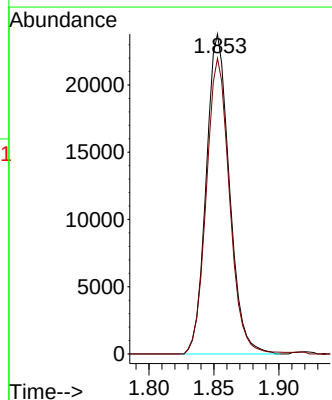
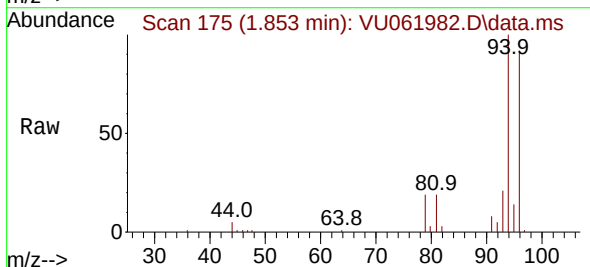
Acq: 22 Nov 2024 19:44

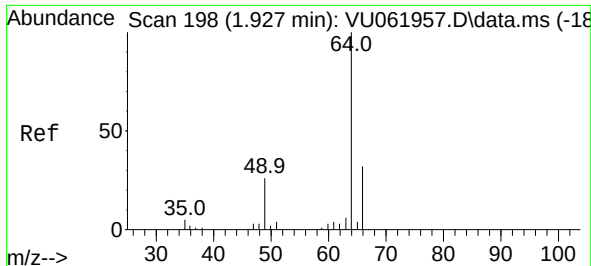
Tgt Ion: 94 Resp: 29531

Ion Ratio Lower Upper

94 100

96 92.4 64.5 119.9

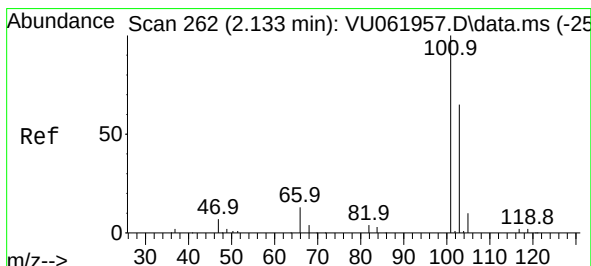
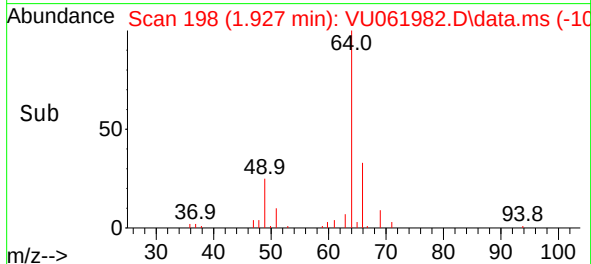
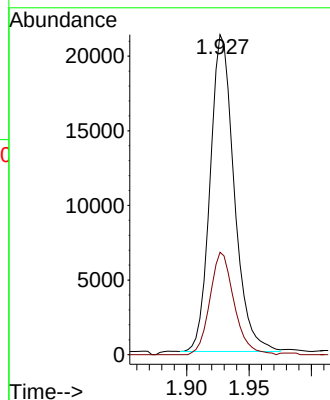
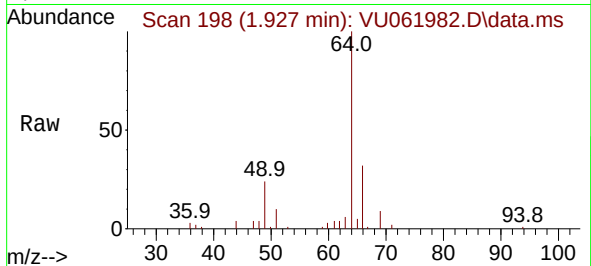




#8
Chloroethane
Concen: 3.926 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

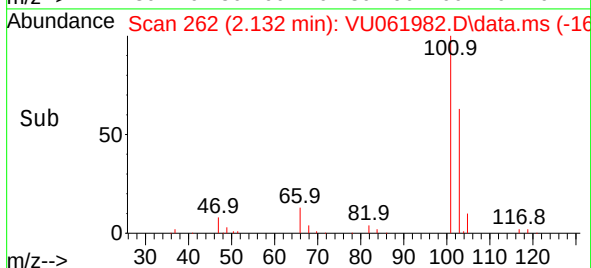
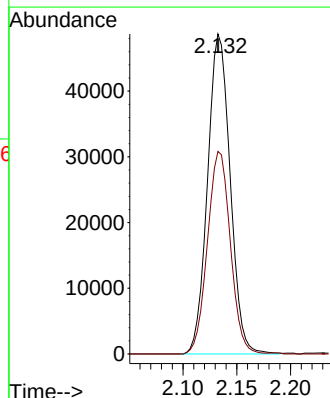
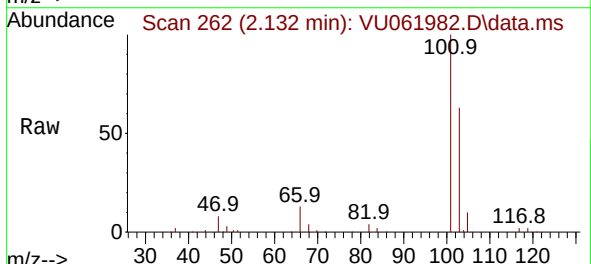
Instrument :
MSVOA_U
ClientSampleId :

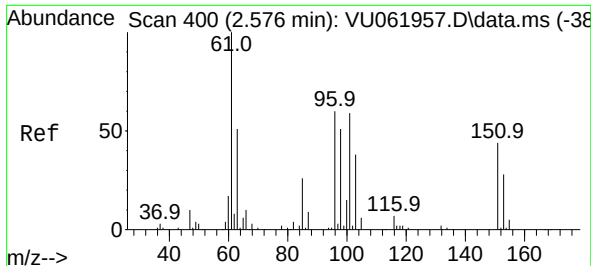
Tgt Ion: 64 Resp: 28587
Ion Ratio Lower Upper
64 100
66 32.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.983 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion:101 Resp: 71190
Ion Ratio Lower Upper
101 100
103 64.1 50.6 75.8





#10

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

Concen: 4.461 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU061982.D

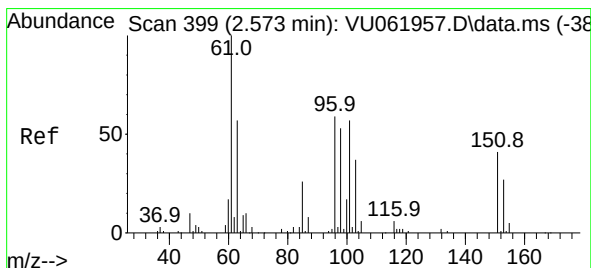
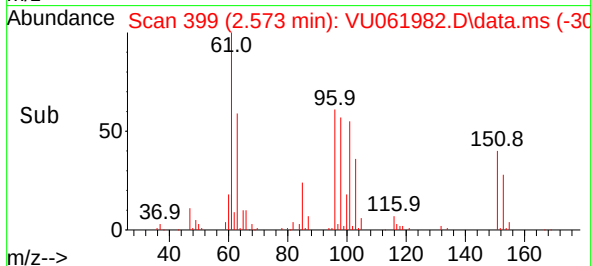
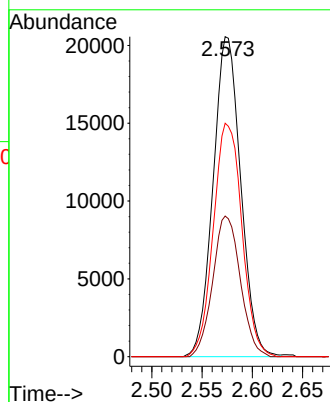
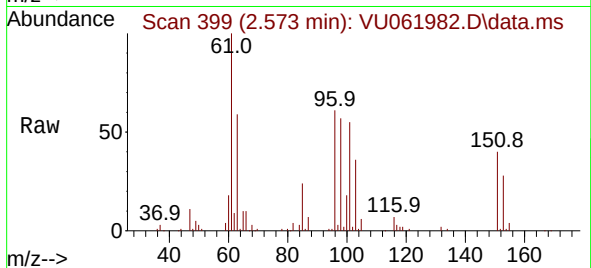
Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	39211
Ion Ratio	Lower	Upper	
101	100		
85	43.9	38.0	57.0
151	75.5	55.3	82.9



#12

1,1-Dichloroethene

Concen: 4.715 ug/L

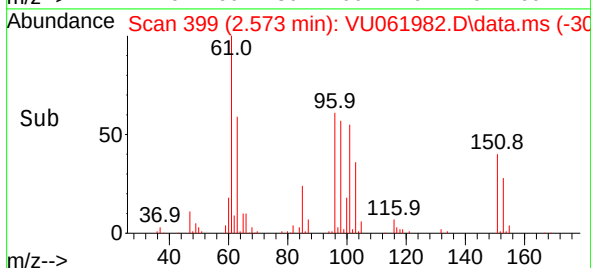
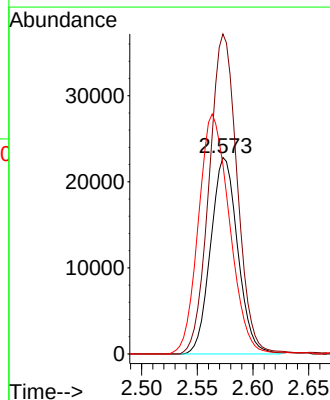
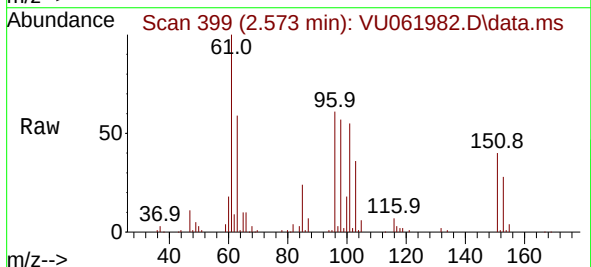
RT: 2.573 min Scan# 399

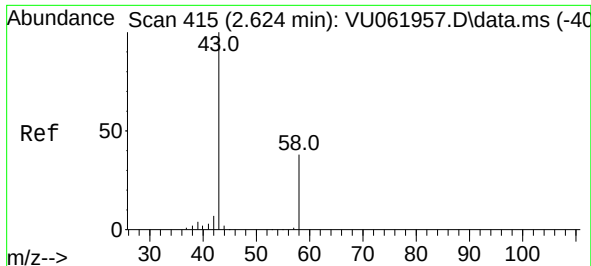
Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Tgt Ion:	96	Resp:	38540
Ion Ratio	Lower	Upper	
96	100		
61	162.8	119.6	222.2
63	96.4	65.0	120.6





#13

Acetone

Concen: 46.902 ug/L

RT: 2.628 min Scan# 415

Delta R.T. 0.003 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

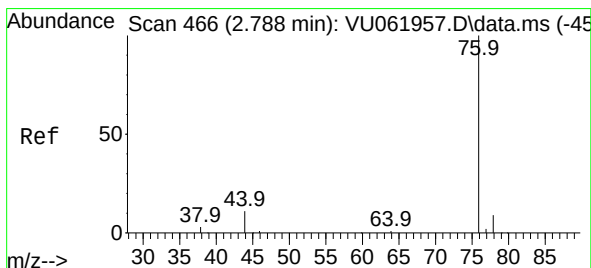
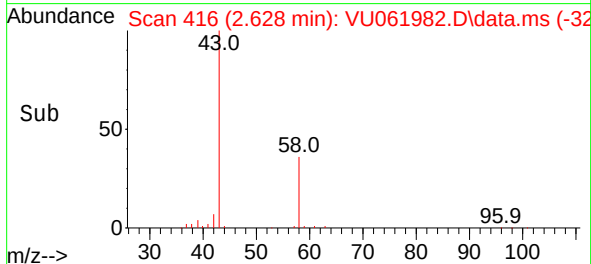
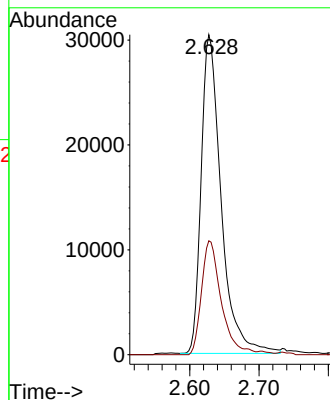
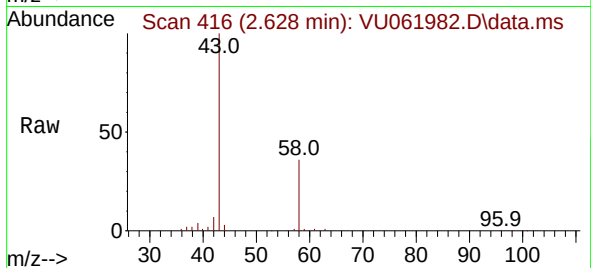
ClientSampleId :

Tgt Ion: 43 Resp: 60803

Ion Ratio Lower Upper

43 100

58 35.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.418 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061982.D

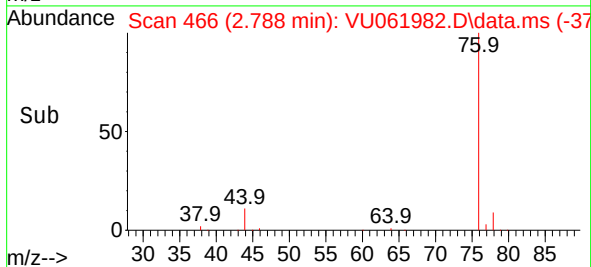
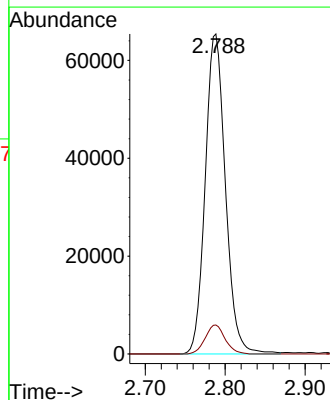
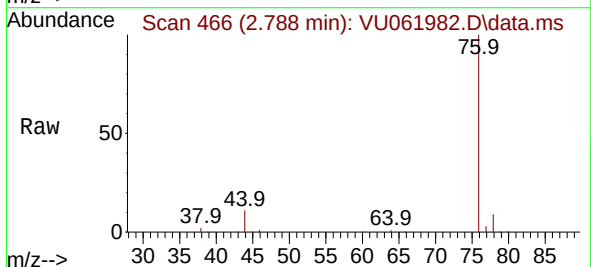
Acq: 22 Nov 2024 19:44

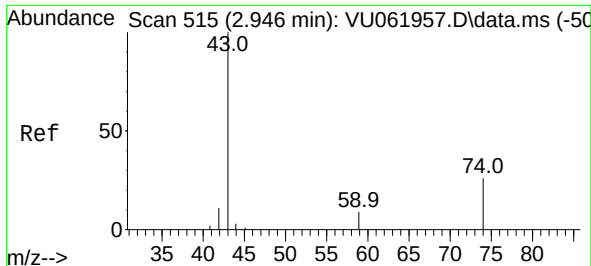
Tgt Ion: 76 Resp: 114870

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

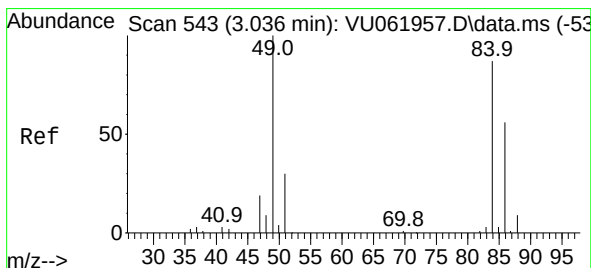
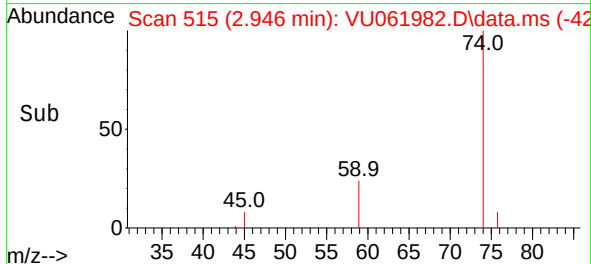
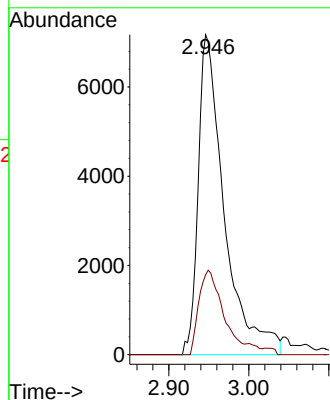
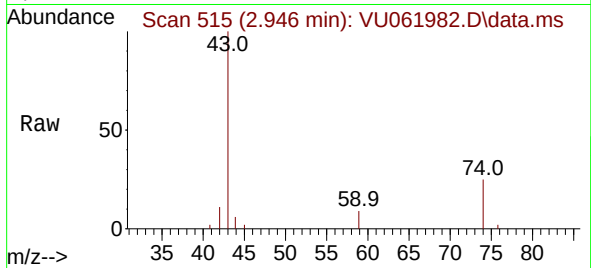




#15
Methyl Acetate
Concen: 4.883 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

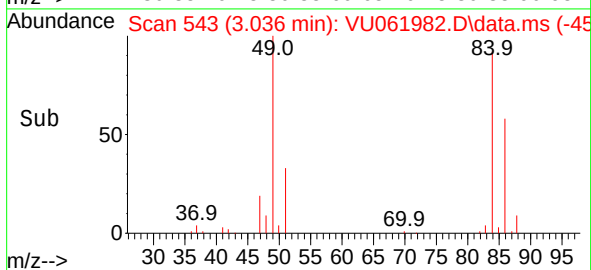
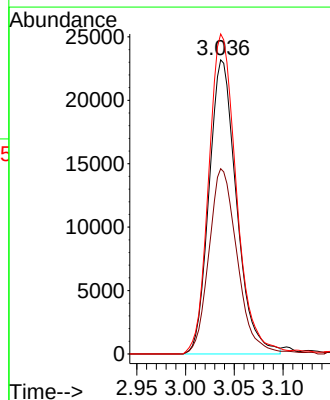
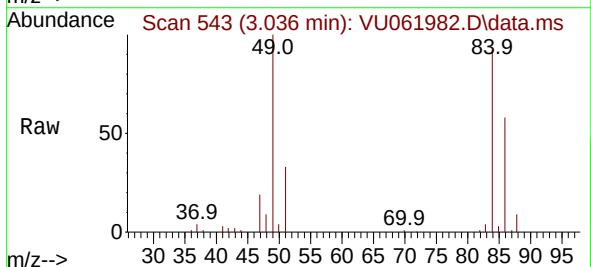
Instrument :
MSVOA_U
ClientSampleId :

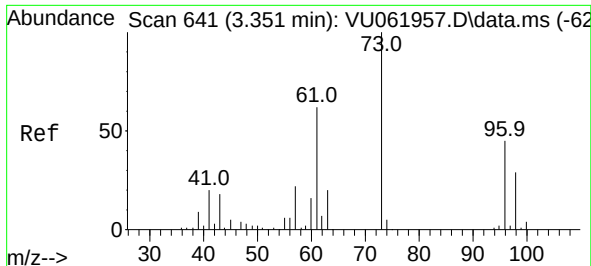
Tgt Ion: 43 Resp: 16255
Ion Ratio Lower Upper
43 100
74 26.0 19.4 29.2



#16
Methylene chloride
Concen: 4.634 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion: 84 Resp: 45490
Ion Ratio Lower Upper
84 100
86 63.0 43.5 80.7
49 108.8 81.9 152.1

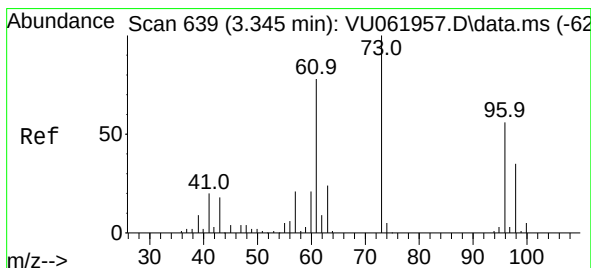
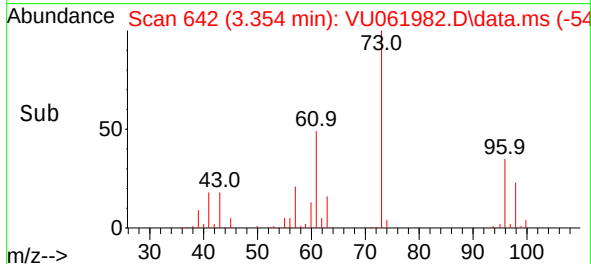
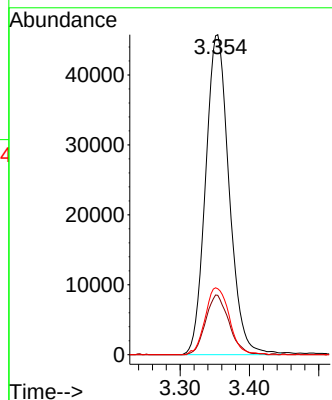
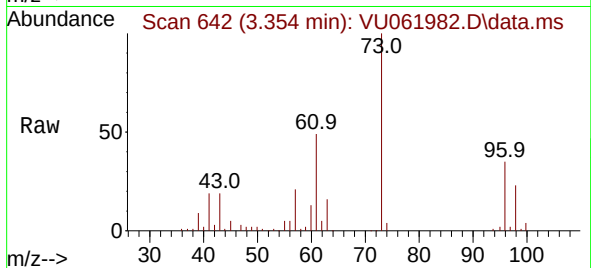




#17
Methyl tert-butyl Ether
Concen: 5.151 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

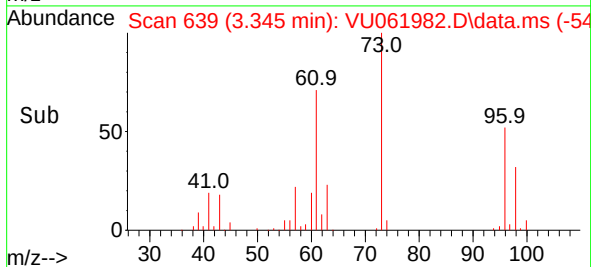
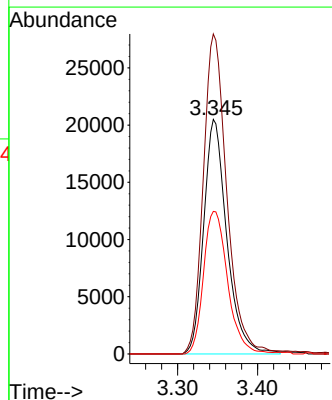
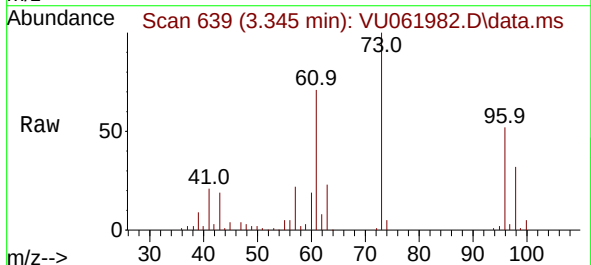
Instrument :
MSVOA_U
ClientSampleId :

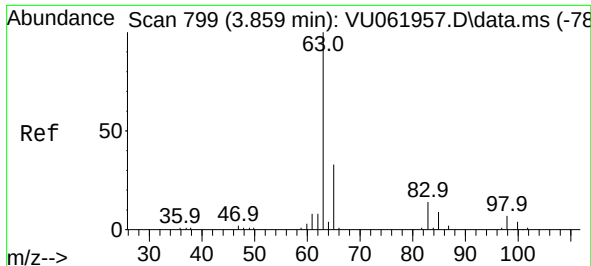
Tgt Ion: 73 Resp: 107925
Ion Ratio Lower Upper
73 100
43 18.5 16.3 24.5
57 21.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.780 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion: 96 Resp: 41309
Ion Ratio Lower Upper
96 100
61 136.5 104.2 193.4
98 60.8 45.7 84.9

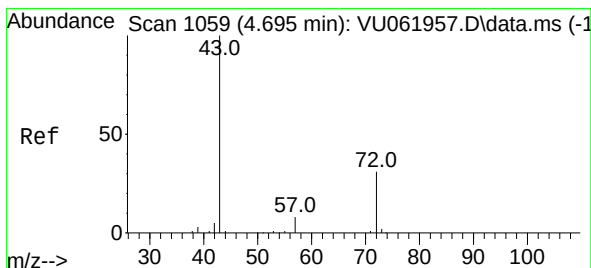
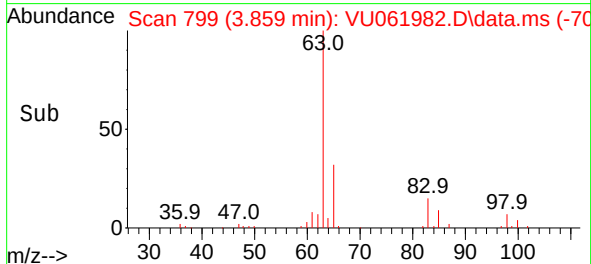
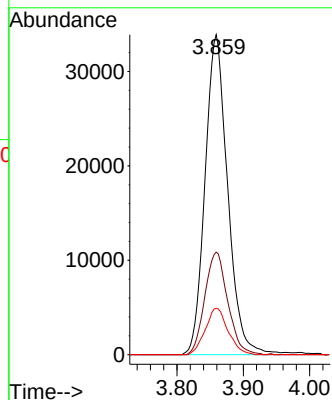
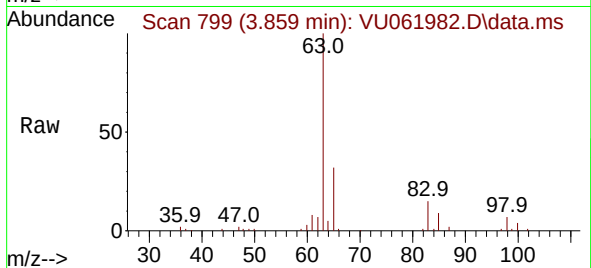




#19
1,1-Dichloroethane
Concen: 4.765 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

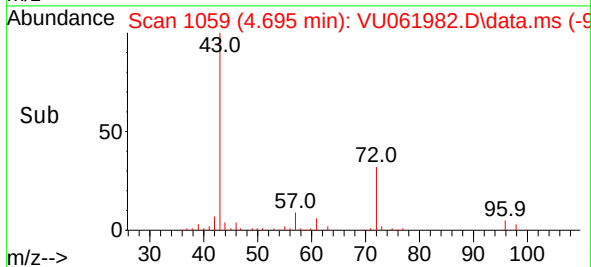
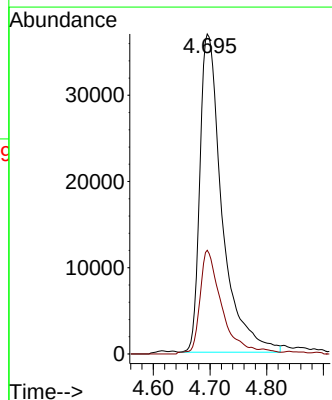
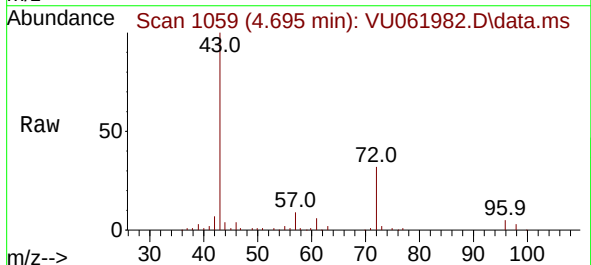
Instrument :
MSVOA_U
ClientSampleId :

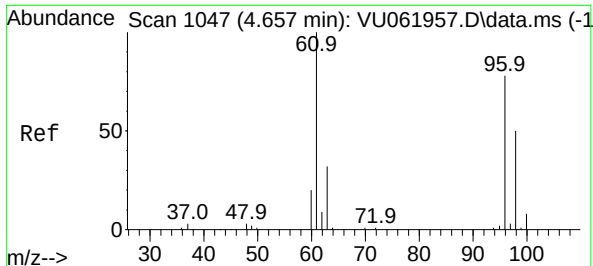
Tgt Ion:	63	Resp:	80207
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.3
83	14.5	9.9	18.3



#21
2-Butanone
Concen: 48.036 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

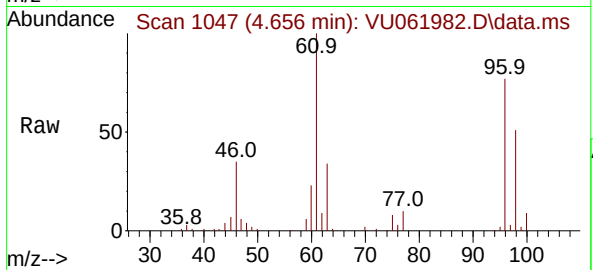
Tgt Ion:	43	Resp:	100644
Ion	Ratio	Lower	Upper
43	100		
72	31.4	14.8	44.4



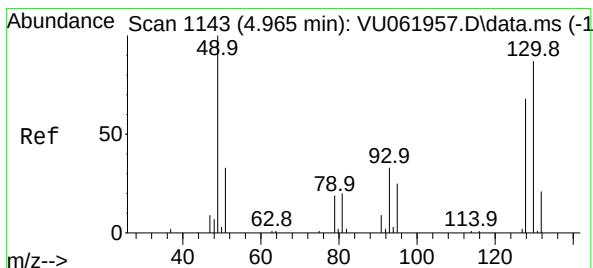
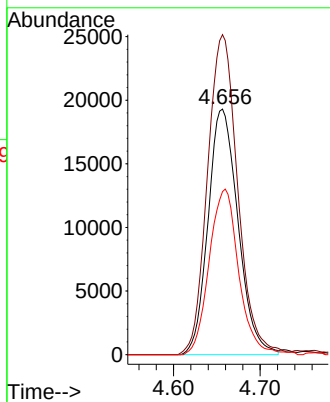
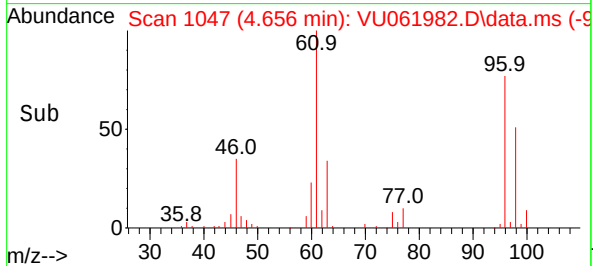


#22
cis-1,2-Dichloroethene
Concen: 4.778 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Instrument :
MSVOA_U
ClientSampleId :

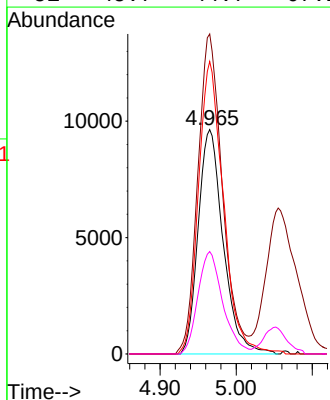
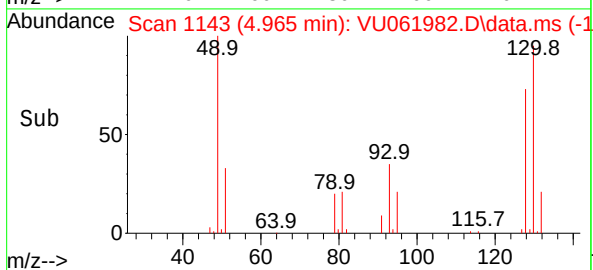
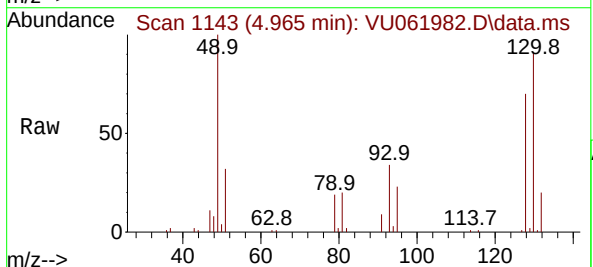


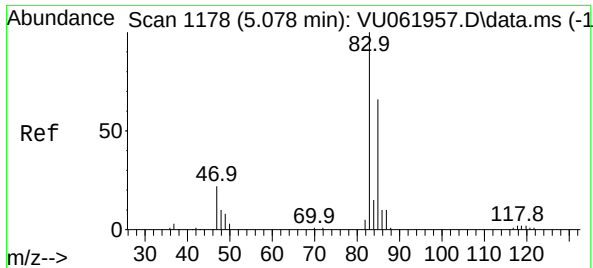
Tgt Ion: 96 Resp: 46468
Ion Ratio Lower Upper
96 100
61 130.3 92.0 170.8
98 66.4 44.5 82.7



#23
Bromochloromethane
Concen: 5.193 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion:128 Resp: 21954
Ion Ratio Lower Upper
128 100
49 142.6 115.3 214.1
130 130.3 92.0 170.8
51 45.7 44.7 67.1

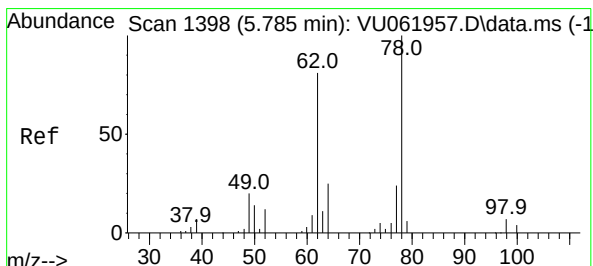
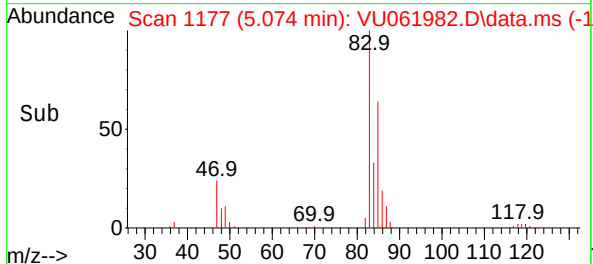
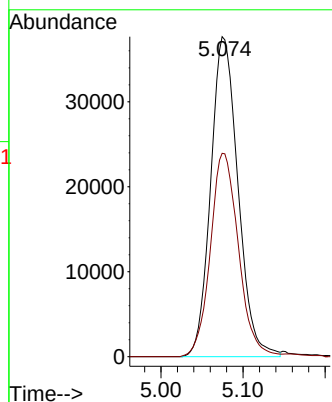
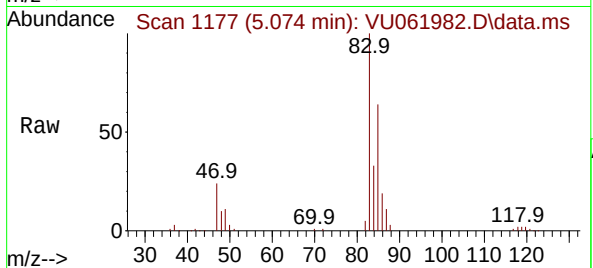




#25
Chloroform
Concen: 4.950 ug/L
RT: 5.074 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

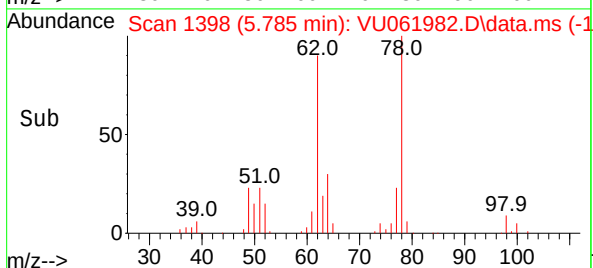
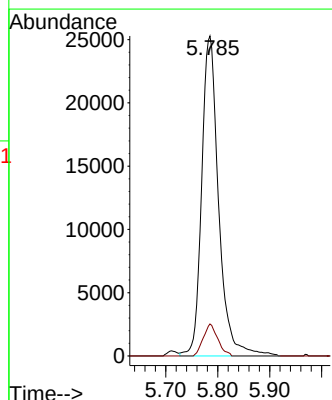
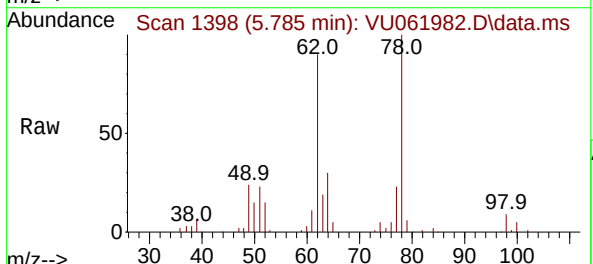
Instrument :
MSVOA_U
ClientSampleId :

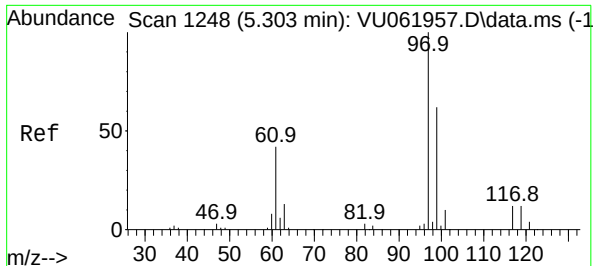
Tgt Ion: 83 Resp: 87111
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.061 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion: 62 Resp: 57293
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.0

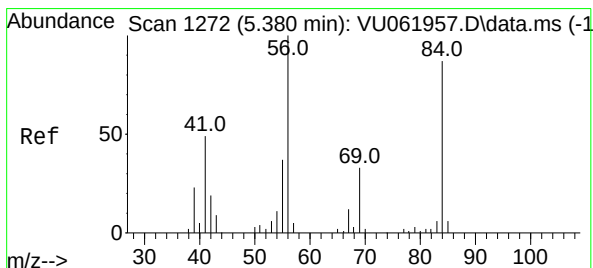
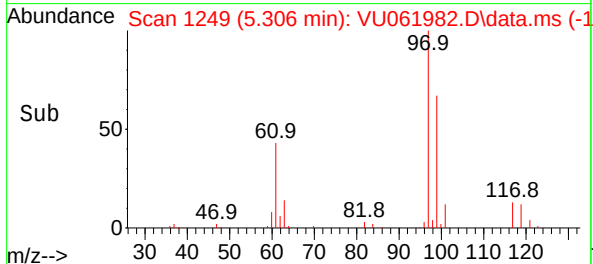
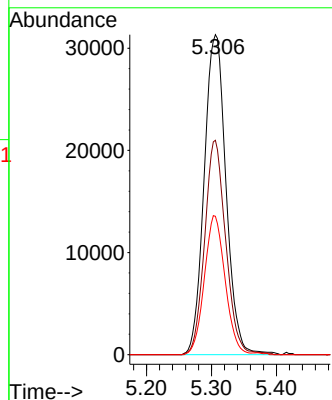
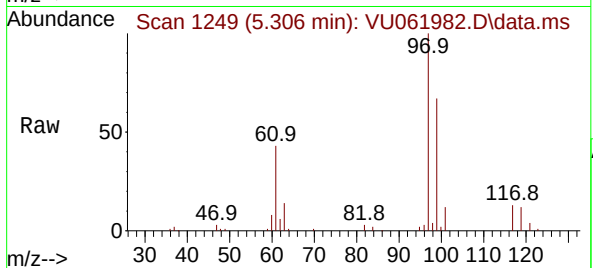




#29
1,1,1-Trichloroethane
Concen: 5.654 ug/L
RT: 5.306 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

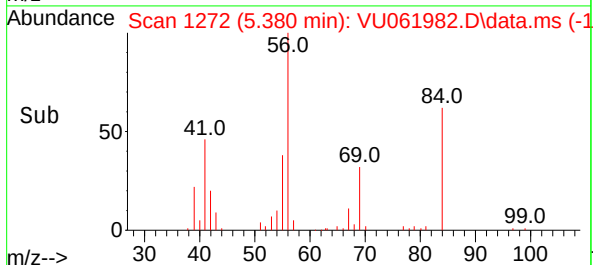
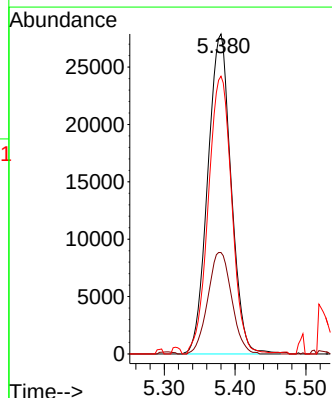
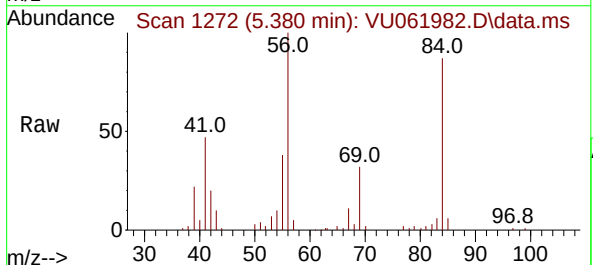
Instrument :
MSVOA_U
ClientSampleId :

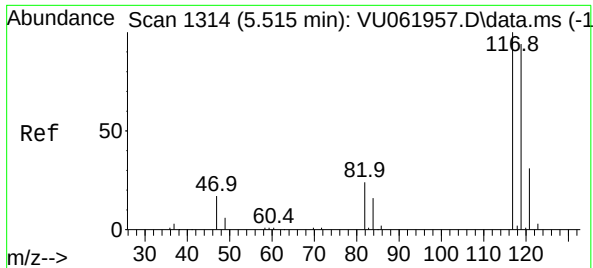
Tgt Ion: 97 Resp: 73532
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 41.2 37.8 56.6



#30
Cyclohexane
Concen: 4.692 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion: 56 Resp: 63835
Ion Ratio Lower Upper
56 100
69 32.4 25.1 37.7
84 87.0 70.6 105.8

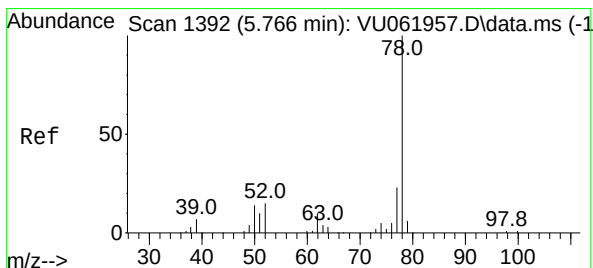
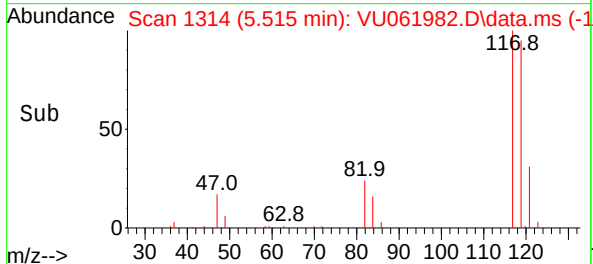
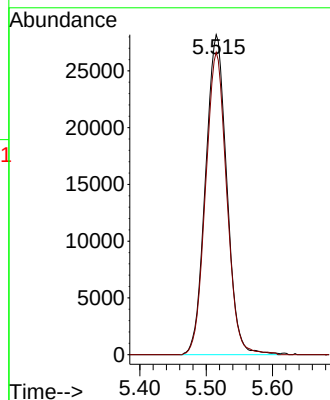
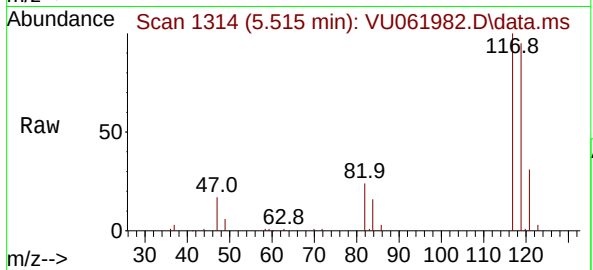




#31
Carbon tetrachloride
Concen: 5.682 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

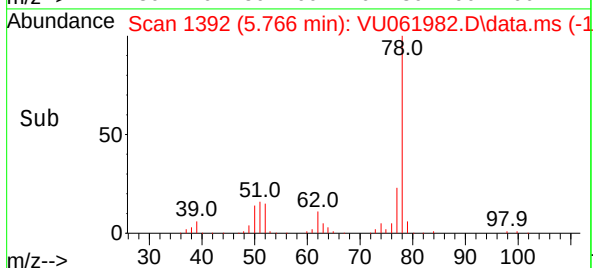
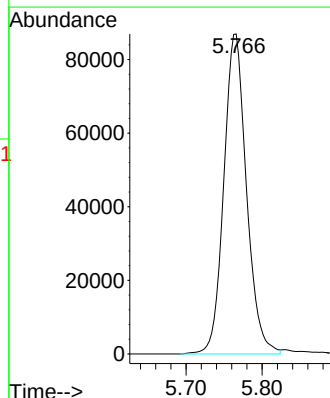
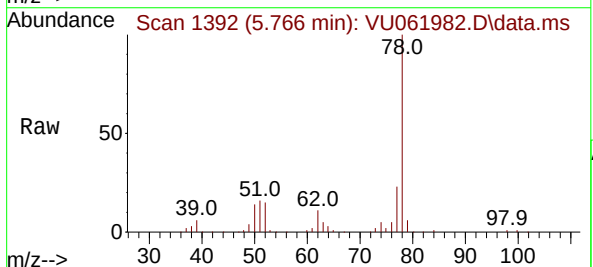
Instrument :
MSVOA_U
ClientSampleId :

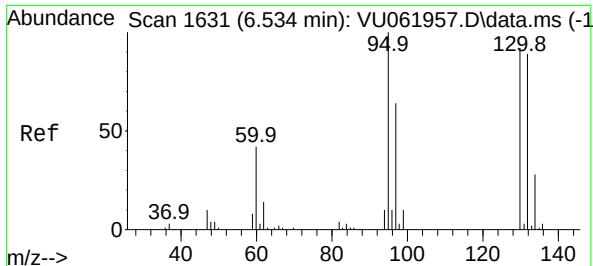
Tgt Ion:117 Resp: 62746
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3



#33
Benzene
Concen: 5.285 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion: 78 Resp: 180103





#34

Trichloroethene

Concen: 5.321 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 48391

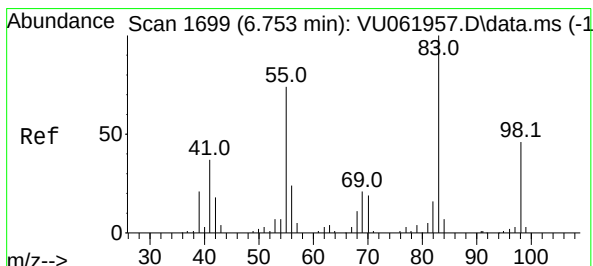
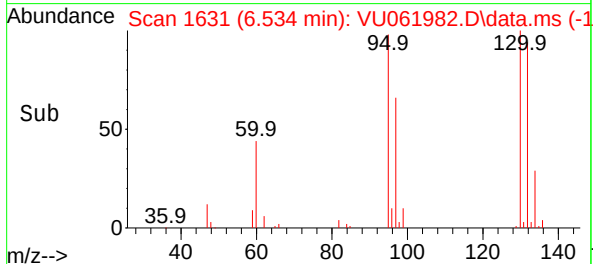
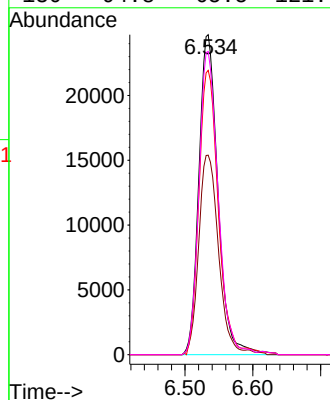
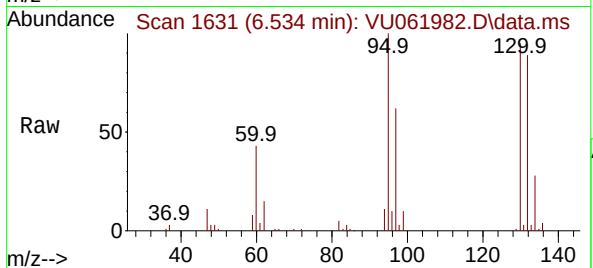
Ion Ratio Lower Upper

95 100

97 62.3 45.9 85.3

132 88.9 63.8 118.4

130 94.8 65.5 121.7



#35

Methylcyclohexane

Concen: 4.635 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

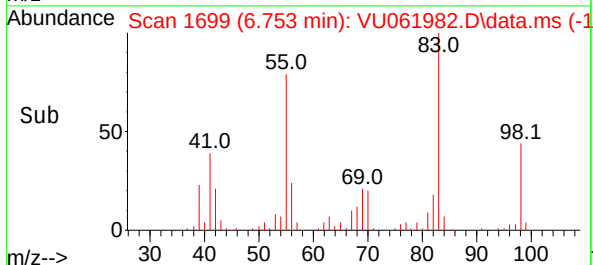
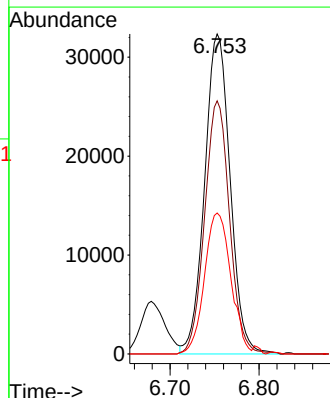
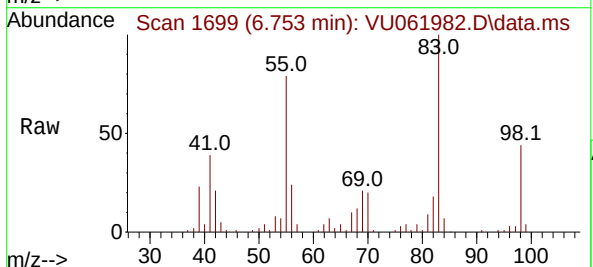
Tgt Ion: 83 Resp: 64488

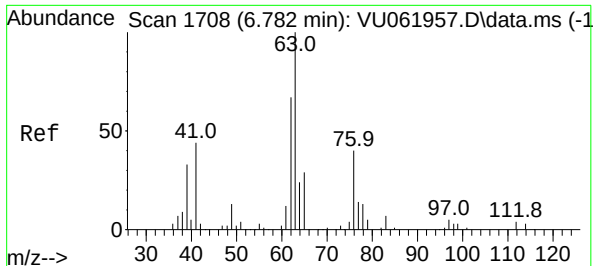
Ion Ratio Lower Upper

83 100

55 77.0 60.7 91.1

98 45.4 34.8 52.2

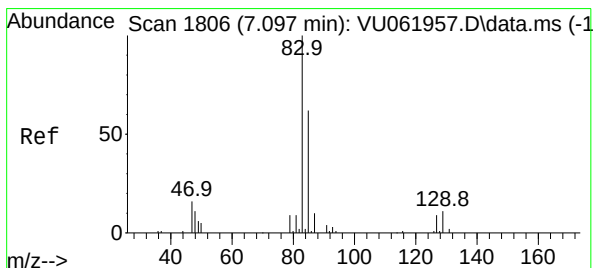
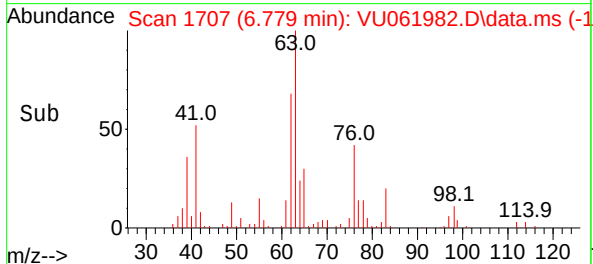
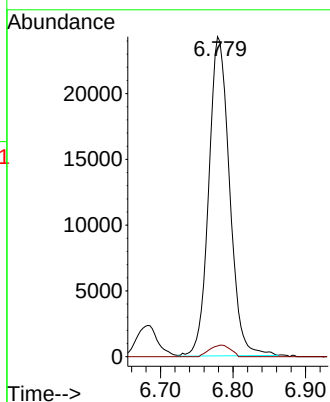
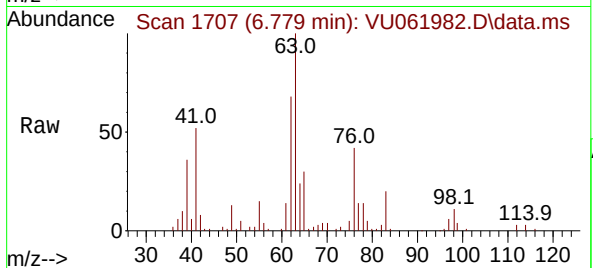




#37
1,2-Dichloropropane
Concen: 5.464 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

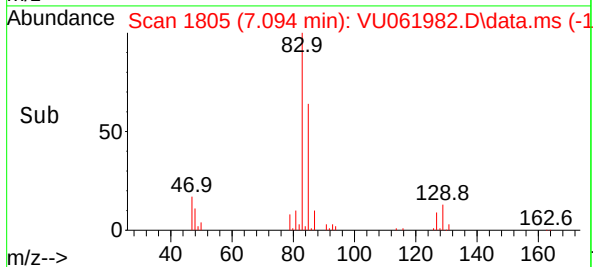
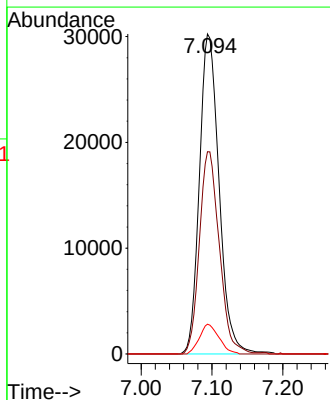
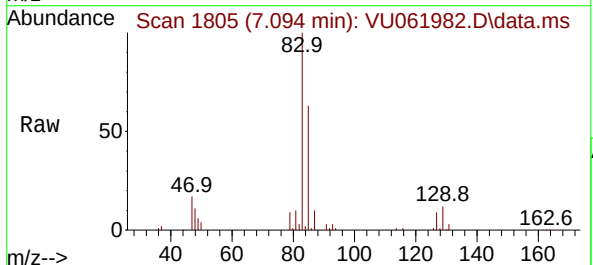
Instrument :
MSVOA_U
ClientSampleId :

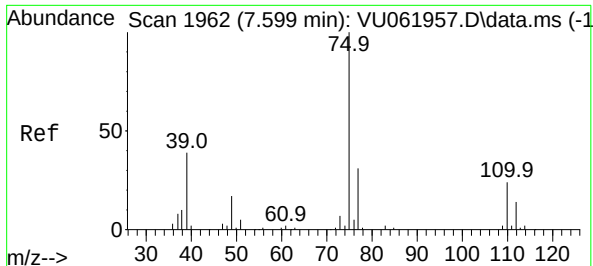
Tgt Ion: 63 Resp: 48373
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.432 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion: 83 Resp: 58328
Ion Ratio Lower Upper
83 100
85 63.2 44.1 81.9
127 9.3 6.9 10.3

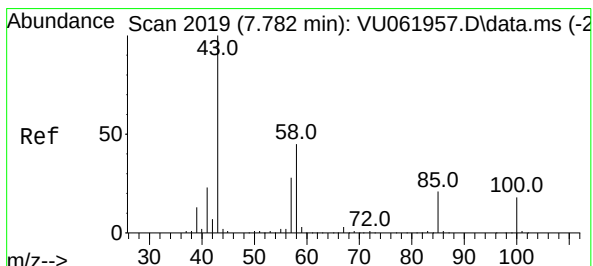
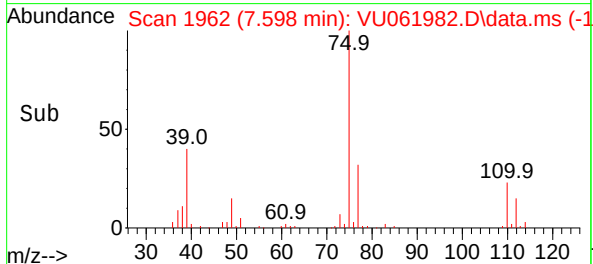
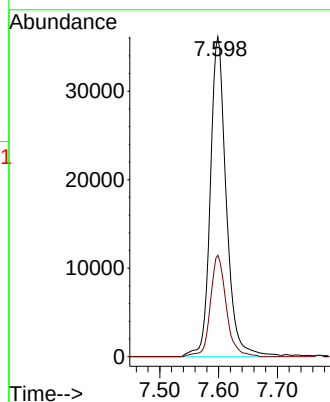
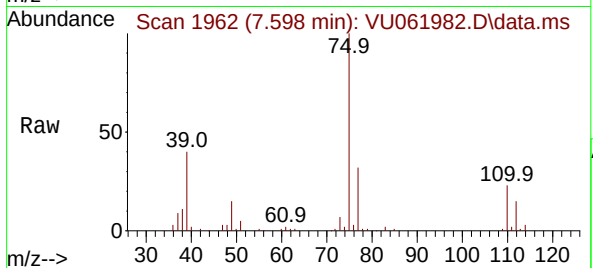




#39
 cis-1,3-Dichloropropene
 Concen: 5.499 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061982.D
 Acq: 22 Nov 2024 19:44

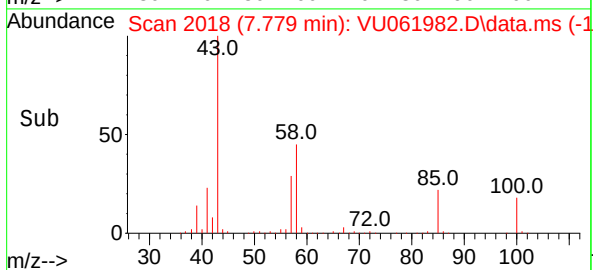
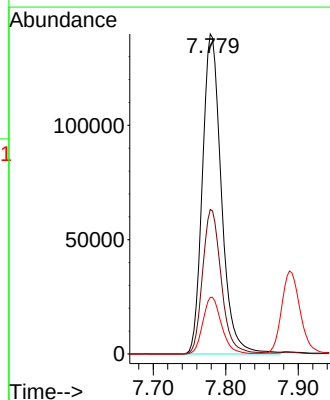
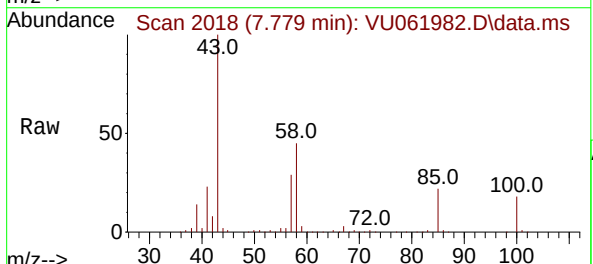
Instrument :
 MSVOA_U
 ClientSampleId :

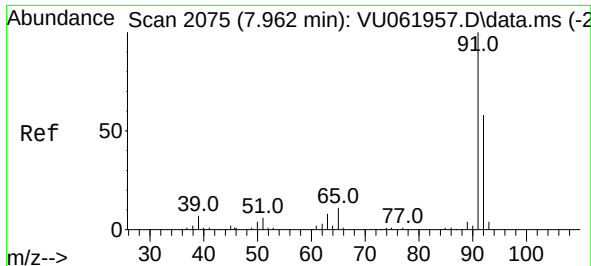
Tgt Ion: 75 Resp: 68268
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 53.178 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU061982.D
 Acq: 22 Nov 2024 19:44

Tgt Ion: 43 Resp: 254031
 Ion Ratio Lower Upper
 43 100
 58 44.8 33.3 49.9
 100 17.4 12.4 18.6





#42

Toluene

Concen: 5.277 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

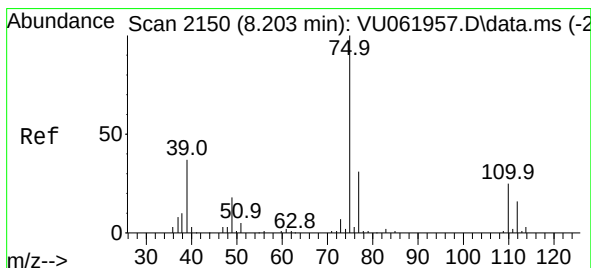
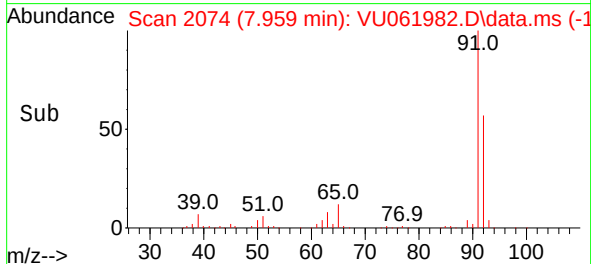
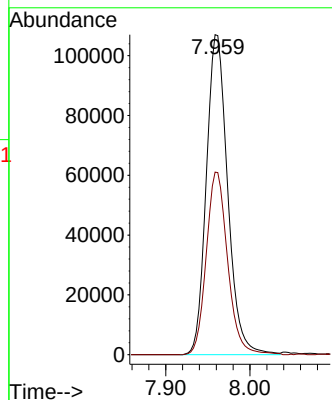
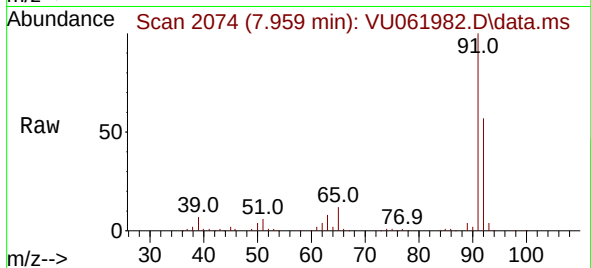
ClientSampleId :

Tgt Ion: 91 Resp: 188716

Ion Ratio Lower Upper

91 100

92 57.1 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.668 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061982.D

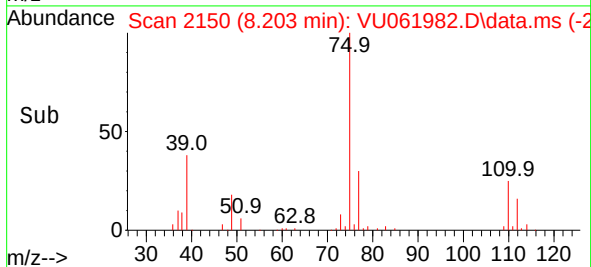
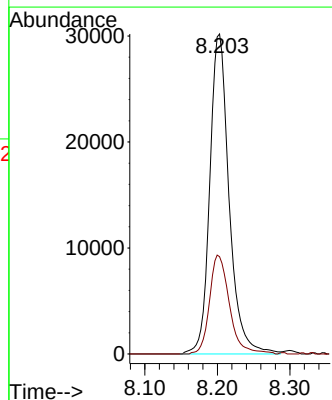
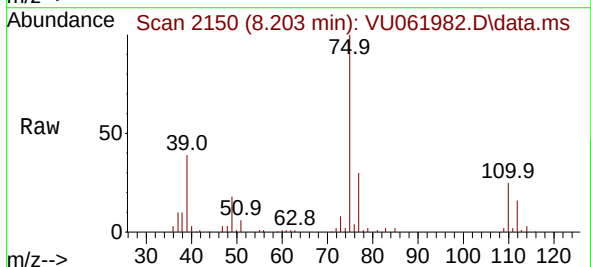
Acq: 22 Nov 2024 19:44

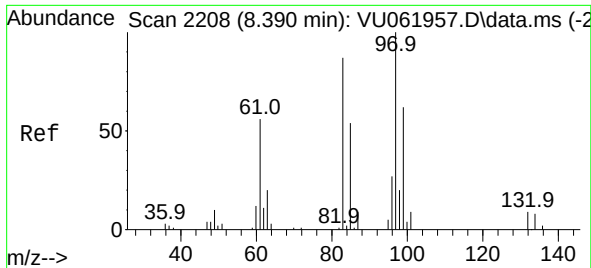
Tgt Ion: 75 Resp: 55880

Ion Ratio Lower Upper

75 100

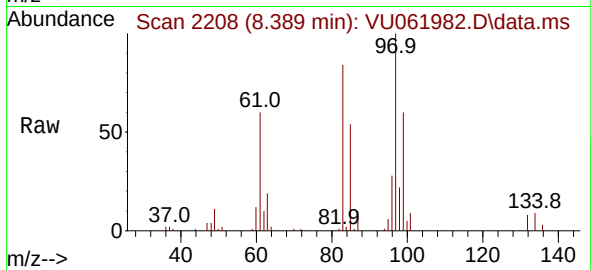
77 30.4 21.8 40.4



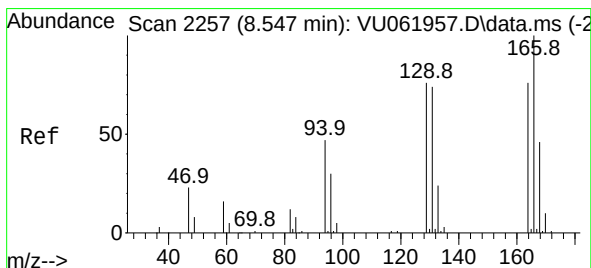
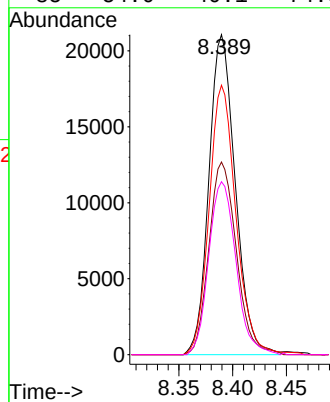
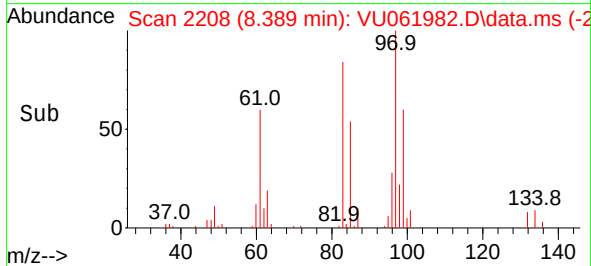


#45
1,1,2-Trichloroethane
Concen: 5.517 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

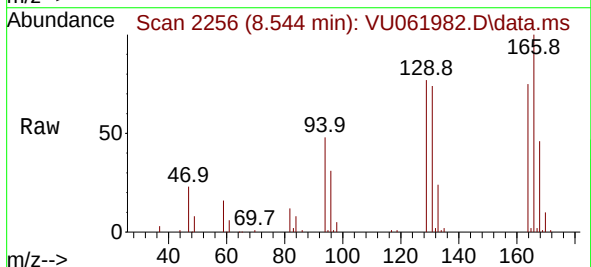
Instrument :
MSVOA_U
ClientSampleId :



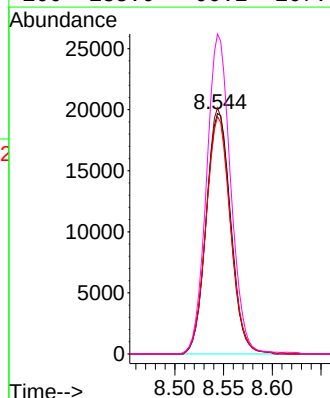
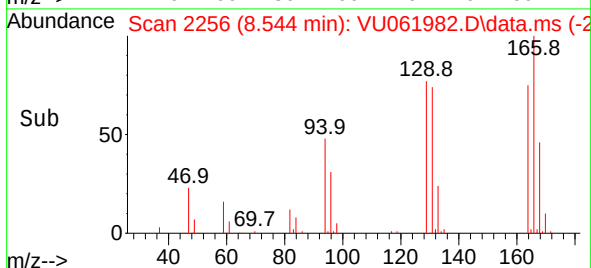
Tgt Ion: 97	Resp: 35982
Ion Ratio	Lower Upper
97 100	
99 60.2	43.0 79.8
83 84.2	61.7 114.5
85 54.0	40.1 74.5

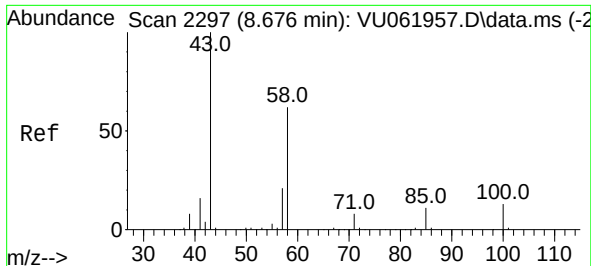


#47
Tetrachloroethene
Concen: 5.247 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44



Tgt	Ion:164	Resp:	34705
Ion	Ratio	Lower	Upper
164	100		
129	102.3	73.2	136.0
131	98.7	72.3	134.3
166	133.0	90.2	167.4



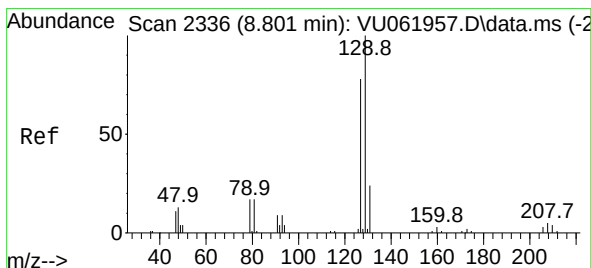
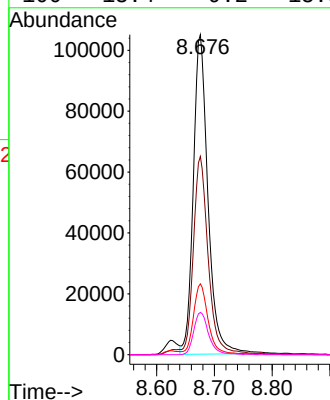
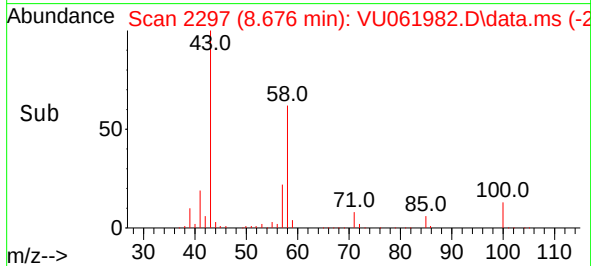
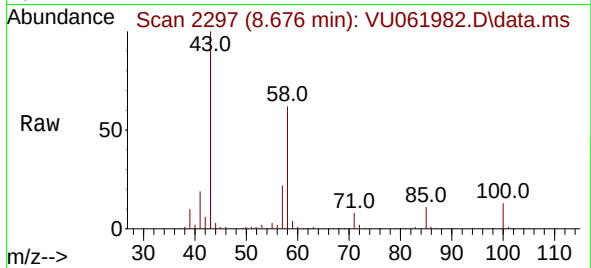


#48
2-Hexanone
Concen: 52.023 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 186114

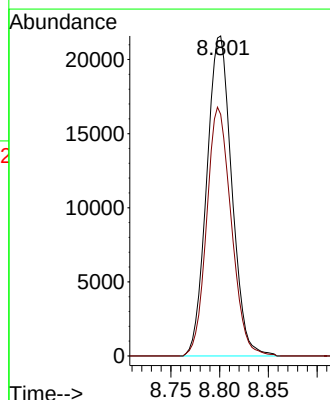
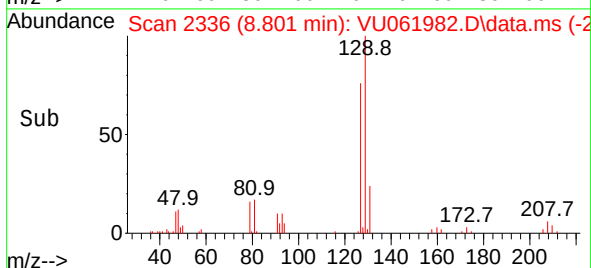
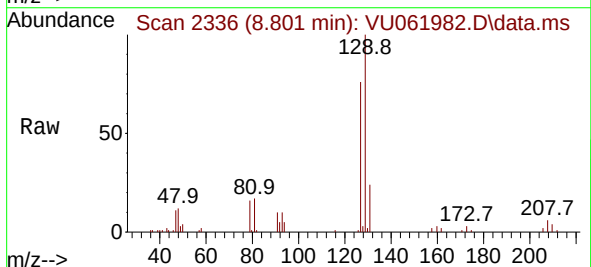
Ion	Ratio	Lower	Upper
43	100		
58	61.7	47.5	71.3
57	22.0	15.6	23.4
100	13.4	9.2	13.8

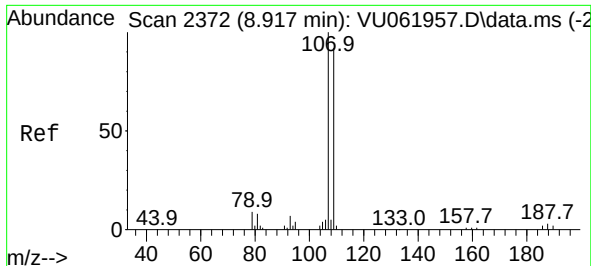


#49
Dibromochloromethane
Concen: 5.608 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion: 129 Resp: 38638

Ion	Ratio	Lower	Upper
129	100		
127	75.5	51.1	94.9





#50

1,2-Dibromoethane

Concen: 5.316 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. -0.003 min

Lab File: VU061982.D

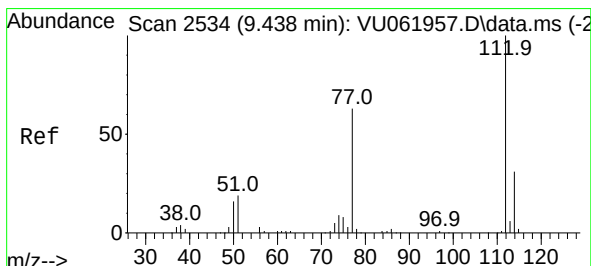
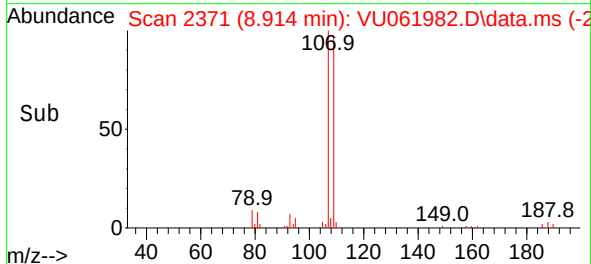
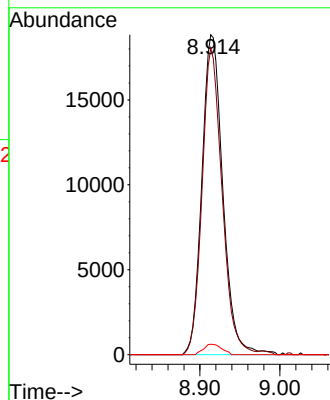
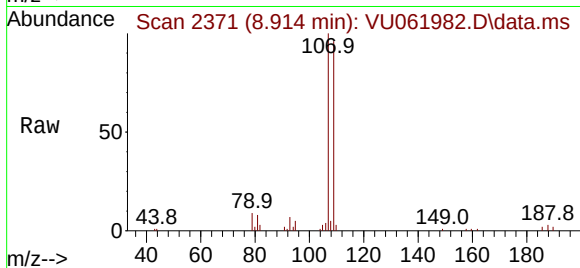
Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	34414
Ion Ratio	Lower	Upper
107	100	
109	95.8	66.8 124.2
188	3.3	2.3 3.5



#51

Chlorobenzene

Concen: 4.827 ug/L

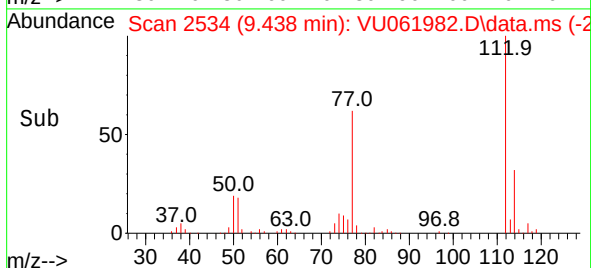
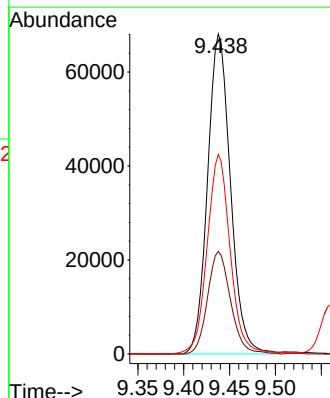
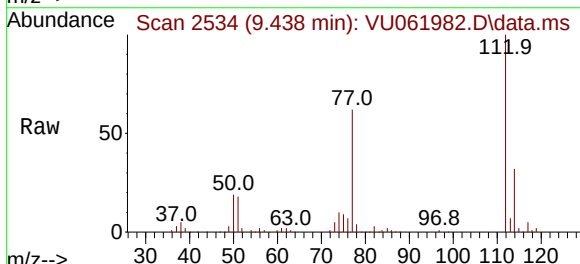
RT: 9.438 min Scan# 2534

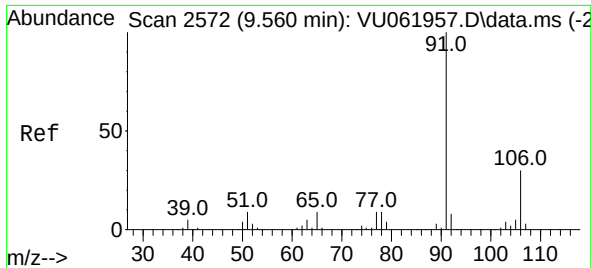
Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Tgt Ion:112	Resp:	118234
Ion Ratio	Lower	Upper
112	100	
114	32.1	23.0 42.6
77	62.4	50.5 75.7





#52

Ethylbenzene

Concen: 4.751 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

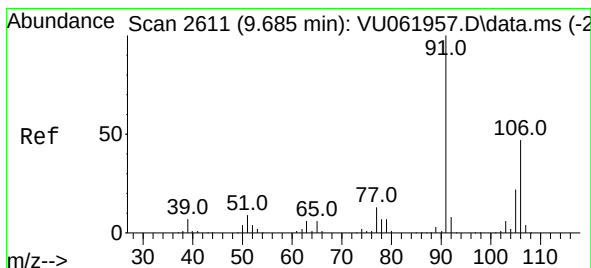
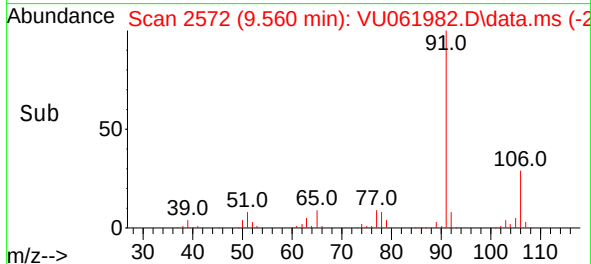
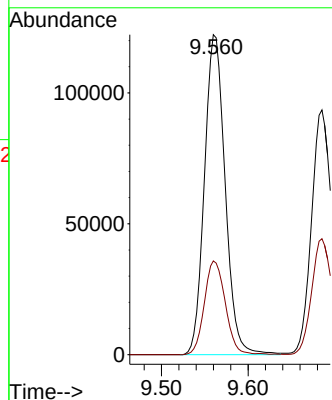
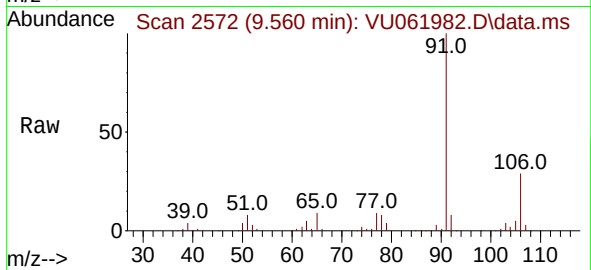
ClientSampleId :

Tgt Ion: 91 Resp: 203316

Ion Ratio Lower Upper

91 100

106 29.3 21.6 40.0



#53

m,p-Xylene

Concen: 5.063 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061982.D

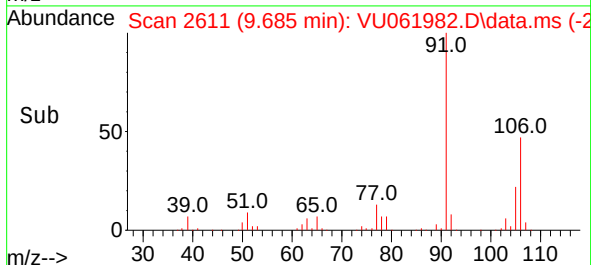
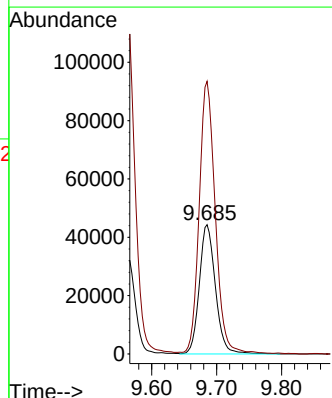
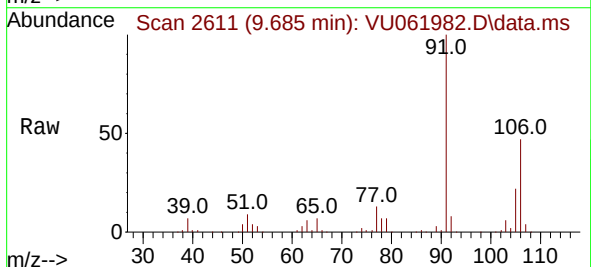
Acq: 22 Nov 2024 19:44

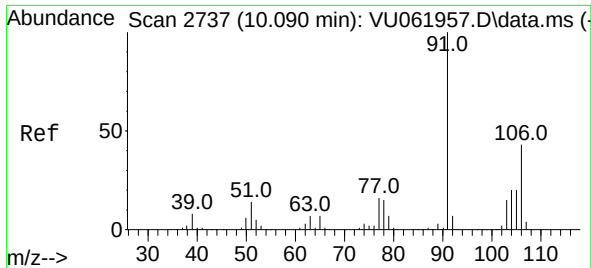
Tgt Ion:106 Resp: 76460

Ion Ratio Lower Upper

106 100

91 210.9 147.6 274.0

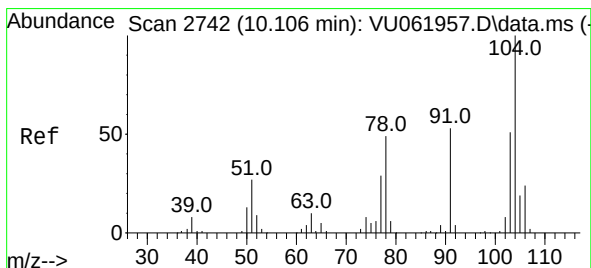
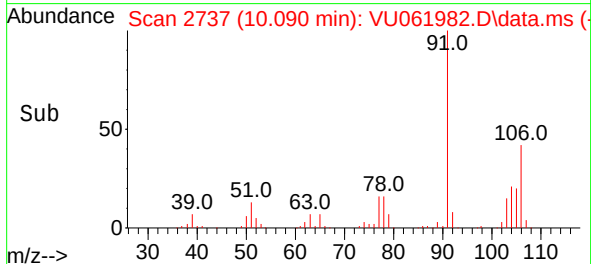
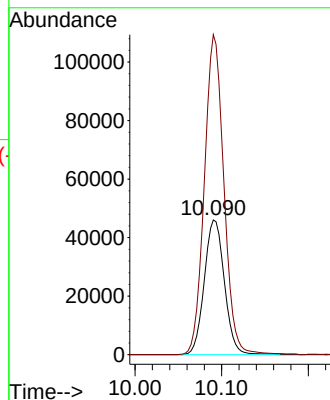
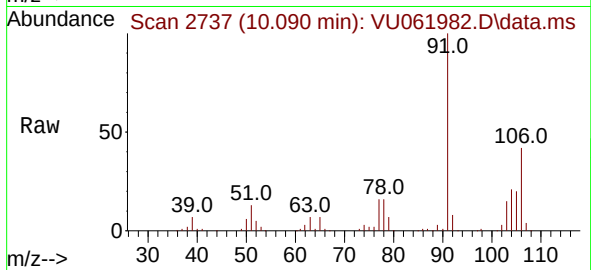




#54
o-Xylene
Concen: 4.874 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

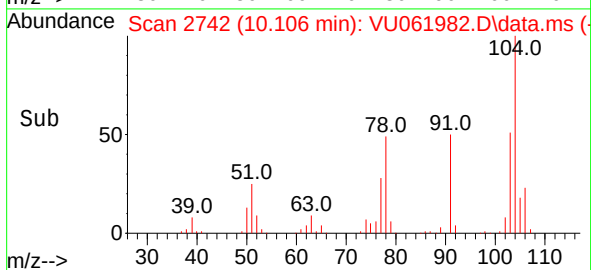
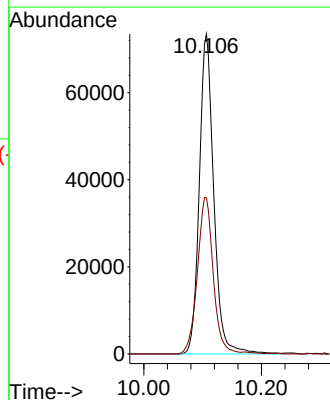
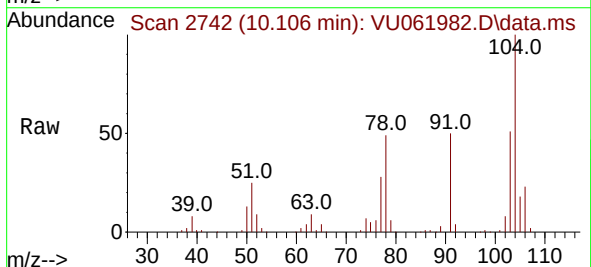
Instrument :
MSVOA_U
ClientSampleId :

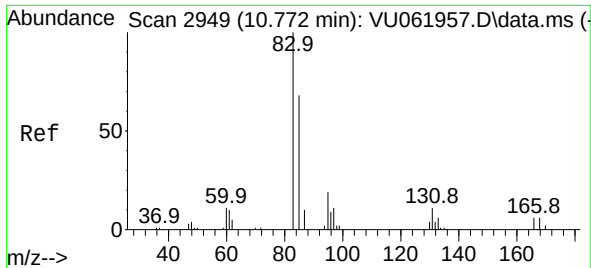
Tgt Ion:106 Resp: 74295
Ion Ratio Lower Upper
106 100
91 237.6 159.8 296.8



#55
Styrene
Concen: 4.991 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion:104 Resp: 125324
Ion Ratio Lower Upper
104 100
78 48.8 33.2 61.7

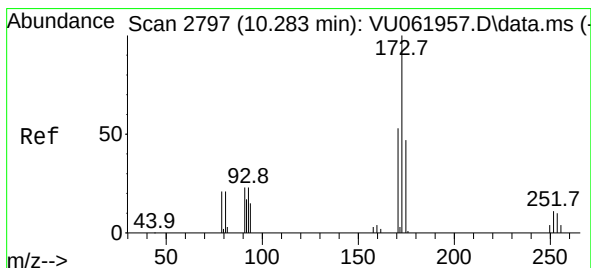
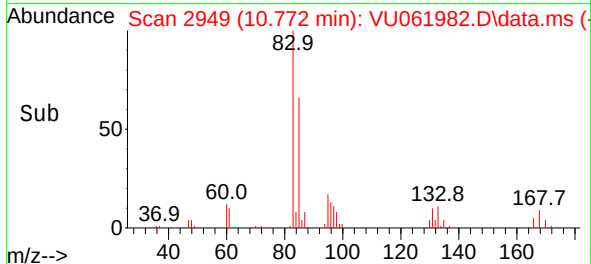
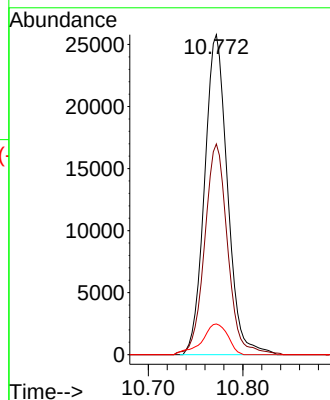
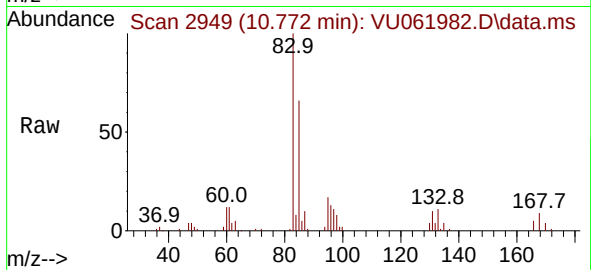




#57
1,1,2,2-Tetrachloroethane
Concen: 5.192 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

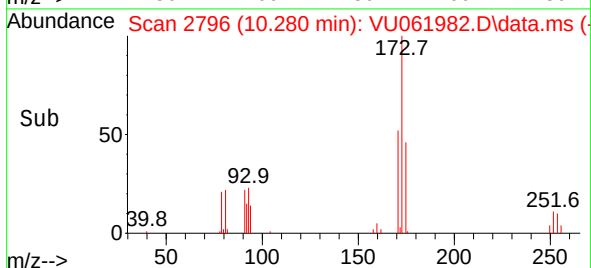
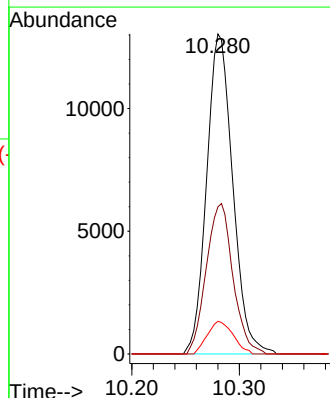
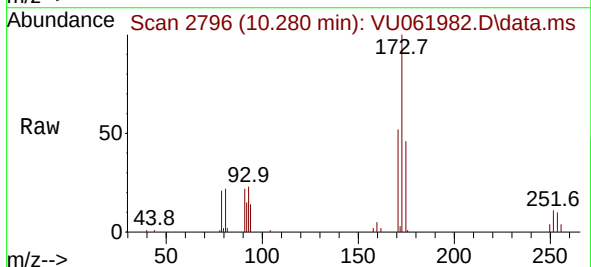
Instrument :
MSVOA_U
ClientSampleId :

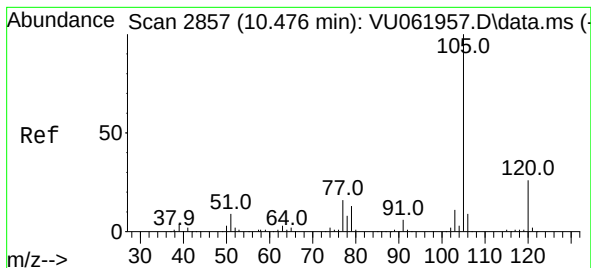
Tgt Ion: 83 Resp: 43401
Ion Ratio Lower Upper
83 100
85 65.8 44.4 82.4
131 9.6 7.3 10.9



#59
Bromoform
Concen: 5.256 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion:173 Resp: 21958
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 10.1 7.4 11.0





#60

Isopropylbenzene

Concen: 4.475 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

ClientSampleId :

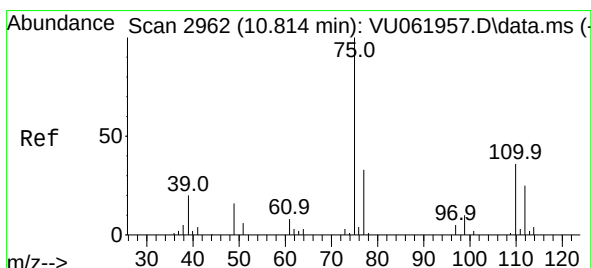
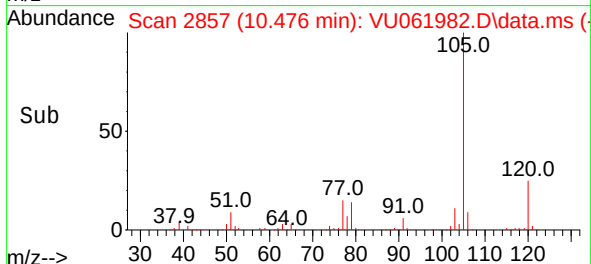
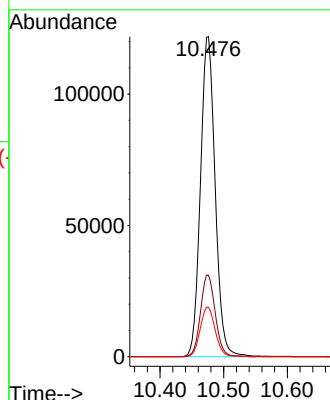
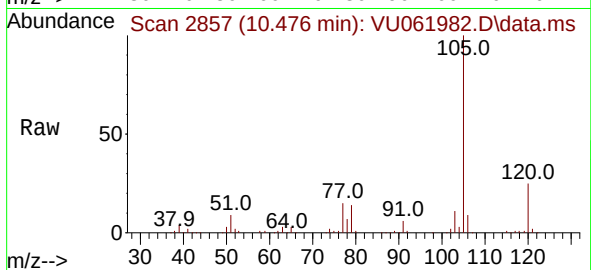
Tgt Ion:105 Resp: 196101

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 15.8 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.621 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

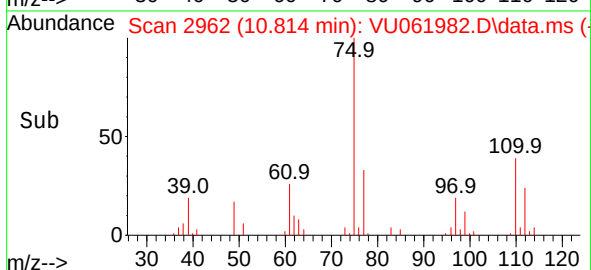
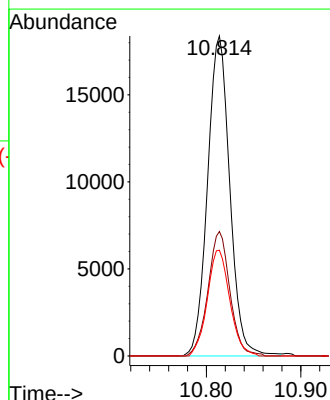
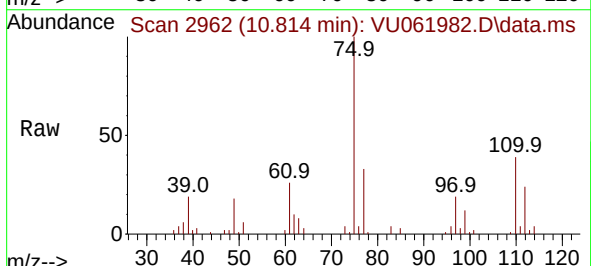
Tgt Ion: 75 Resp: 30023

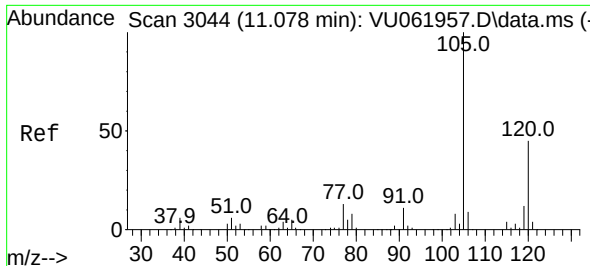
Ion Ratio Lower Upper

75 100

110 38.4 28.9 43.3

77 33.5 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.734 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

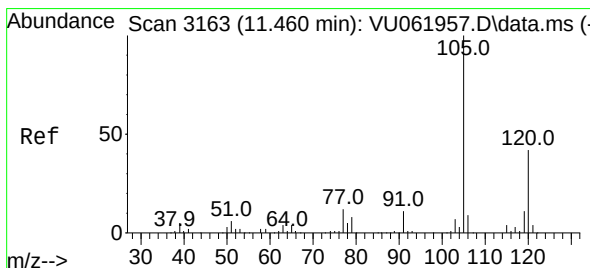
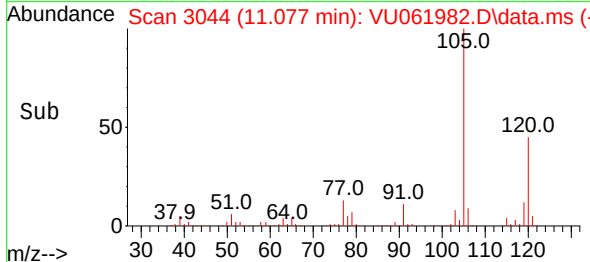
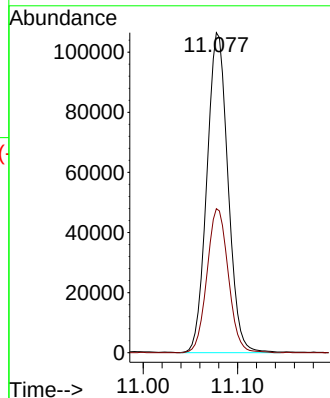
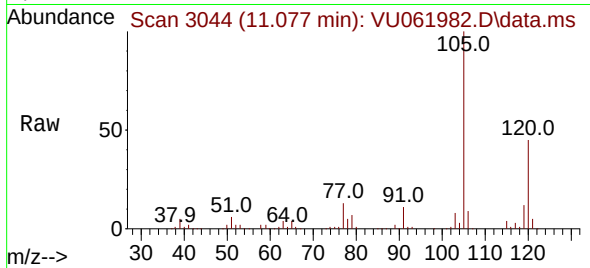
ClientSampleId :

Tgt Ion:105 Resp: 165491

Ion Ratio Lower Upper

105 100

120 45.4 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.686 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061982.D

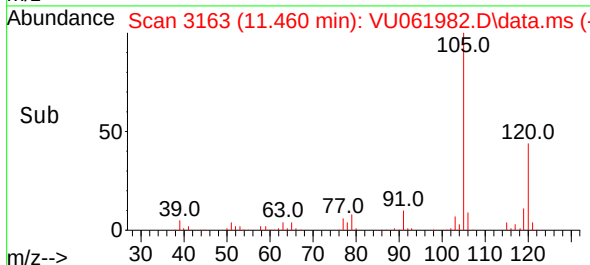
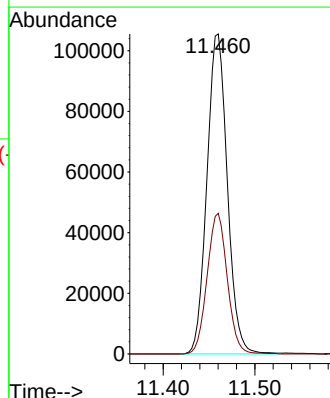
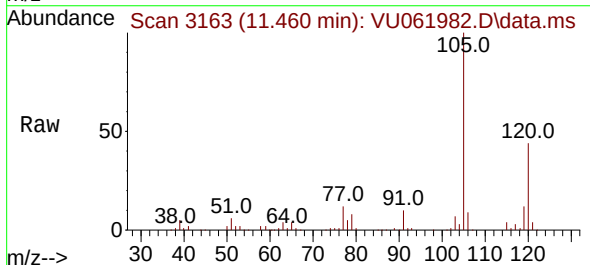
Acq: 22 Nov 2024 19:44

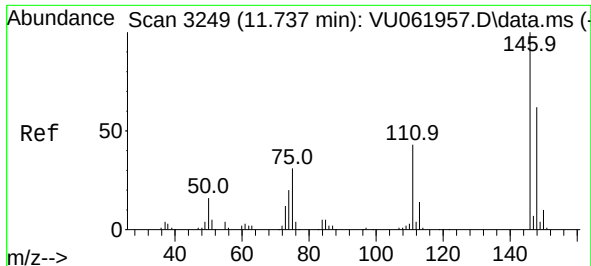
Tgt Ion:105 Resp: 163297

Ion Ratio Lower Upper

105 100

120 43.5 34.7 52.1

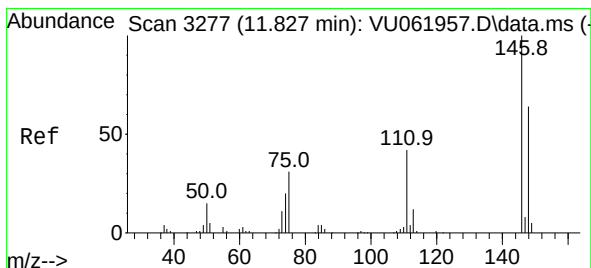
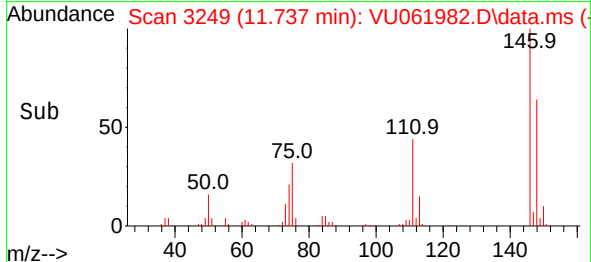
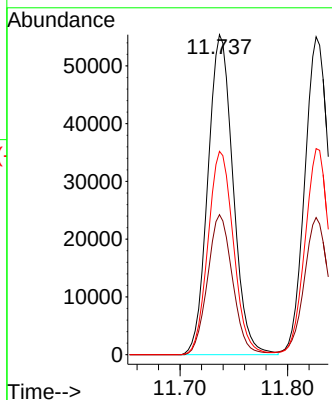
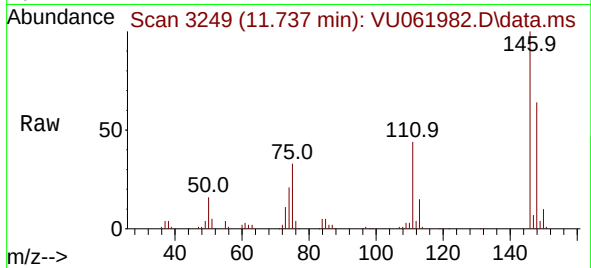




#64
1,3-Dichlorobenzene
Concen: 4.634 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

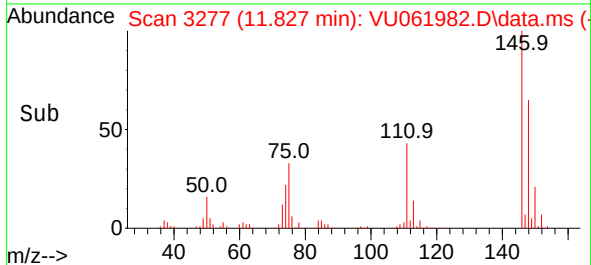
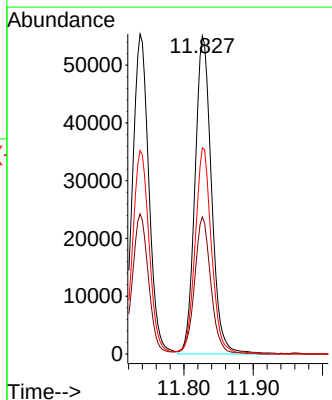
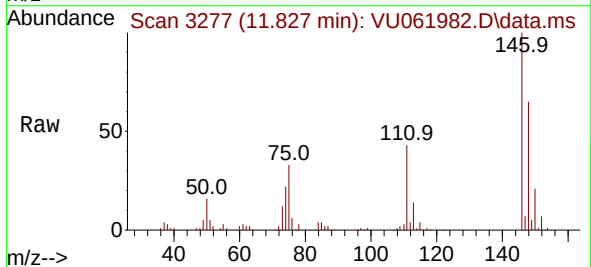
Instrument :
MSVOA_U
ClientSampleId :

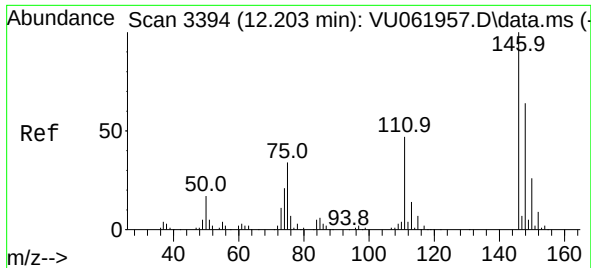
Tgt Ion:146 Resp: 90143
Ion Ratio Lower Upper
146 100
111 43.8 30.7 57.1
148 63.5 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.857 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

Tgt Ion:146 Resp: 91449
Ion Ratio Lower Upper
146 100
111 43.1 29.3 54.3
148 64.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.069 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

ClientSampleId :

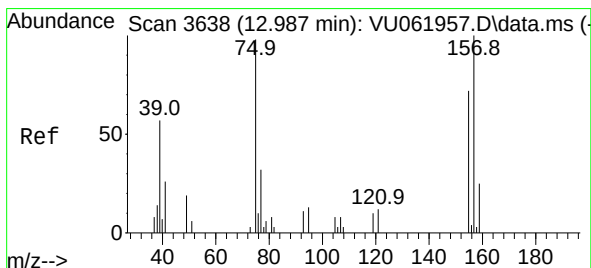
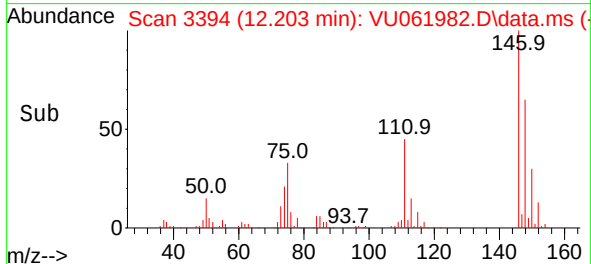
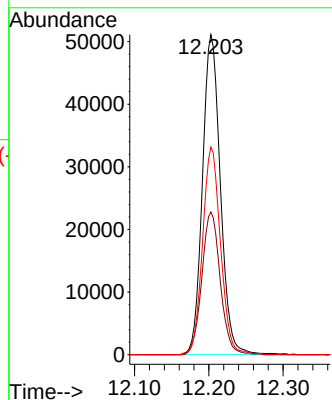
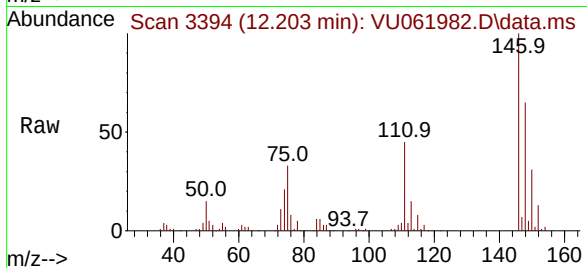
Tgt Ion:146 Resp: 85756

Ion Ratio Lower Upper

146 100

111 44.6 36.0 54.0

148 64.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.717 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

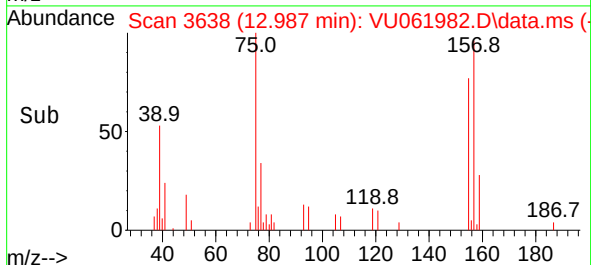
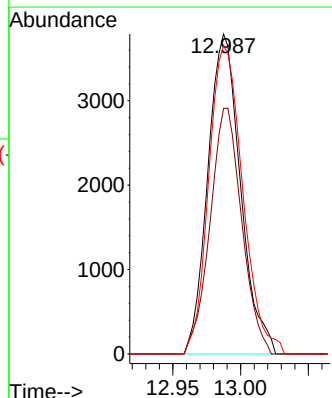
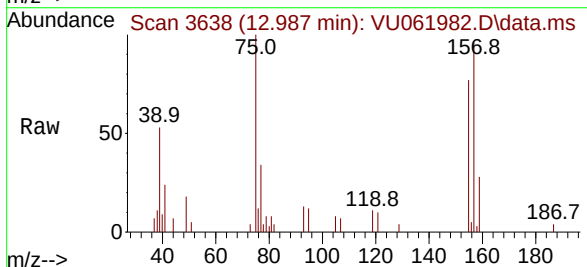
Tgt Ion: 75 Resp: 6339

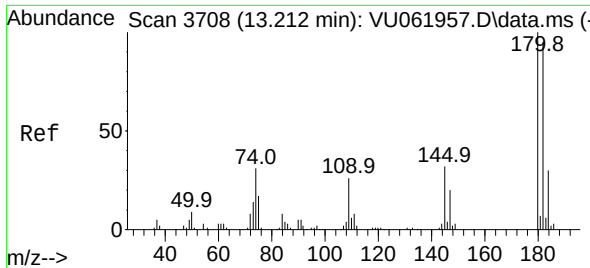
Ion Ratio Lower Upper

75 100

155 76.7 55.2 82.8

157 96.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.652 ug/L

RT: 13.209 min Scan# 3

Delta R.T. -0.003 min

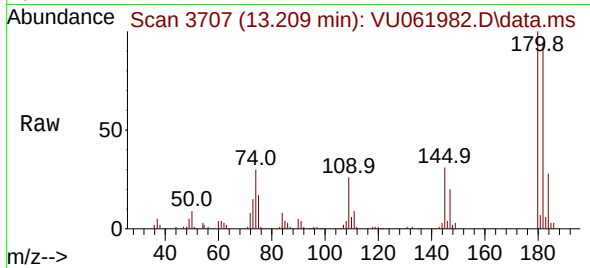
Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 65417

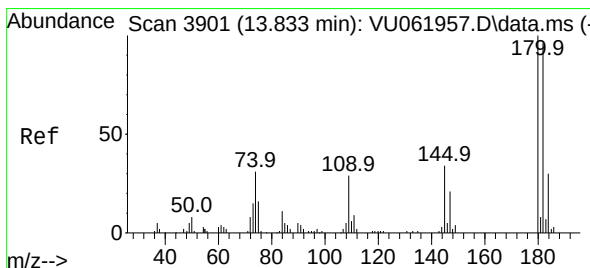
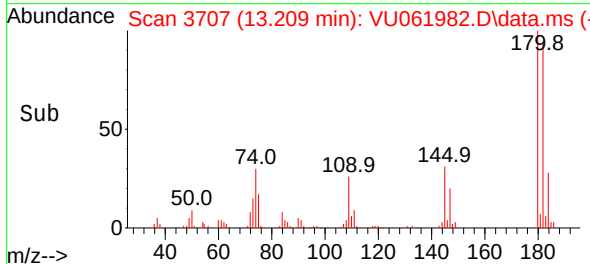
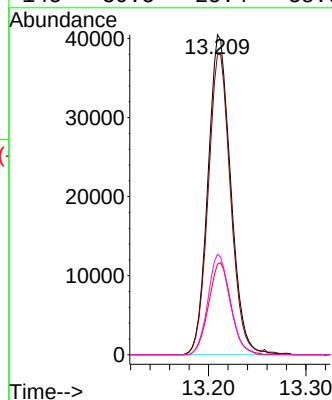
Ion Ratio Lower Upper

180 100

182 92.7 76.7 115.1

184 28.6 24.8 37.2

145 30.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.723 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061982.D

Acq: 22 Nov 2024 19:44

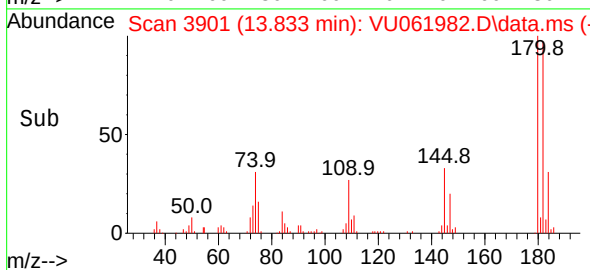
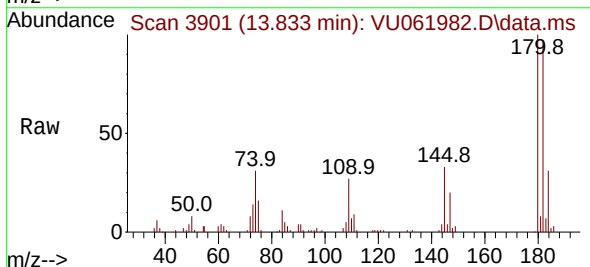
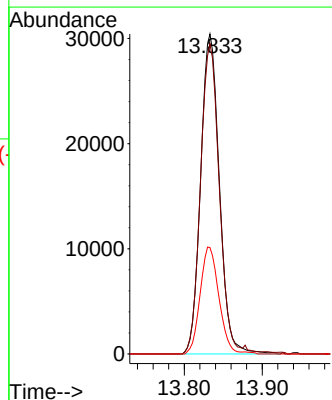
Tgt Ion:180 Resp: 50770

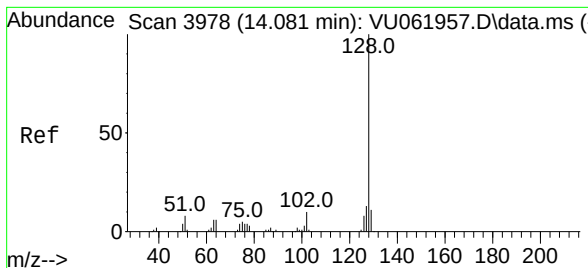
Ion Ratio Lower Upper

180 100

182 97.7 74.5 111.7

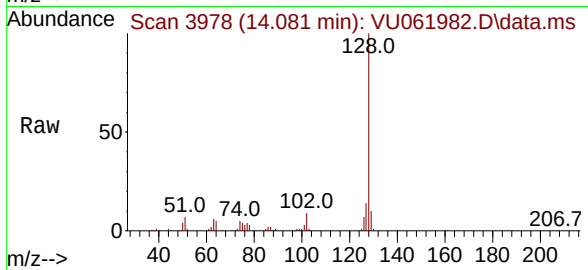
145 33.7 25.6 38.4



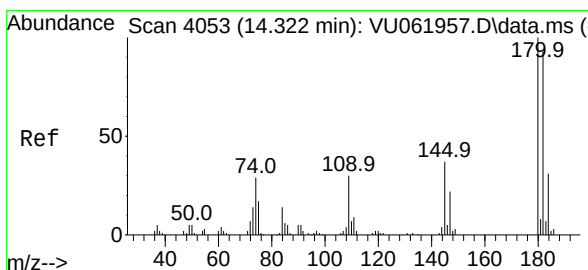
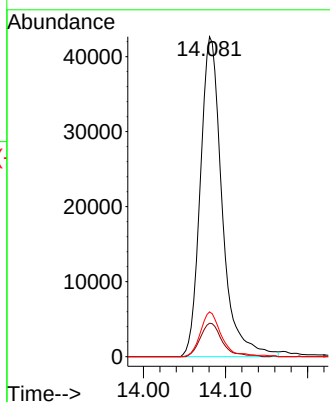
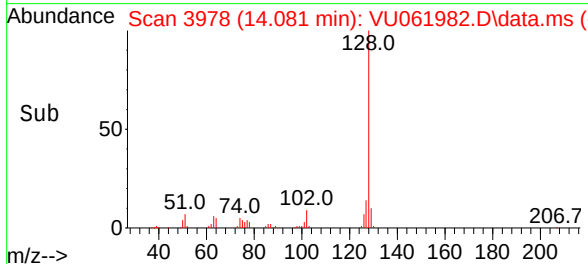


#71
Naphthalene
Concen: 5.503 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44

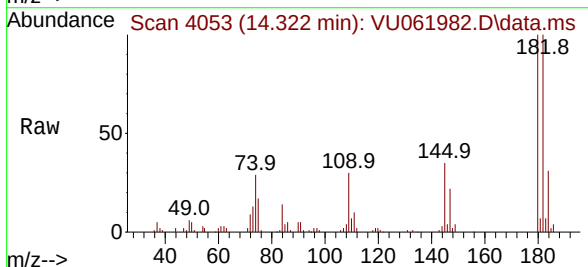
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 78682
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.986 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061982.D
Acq: 22 Nov 2024 19:44



Tgt Ion:180 Resp: 45737
Ion Ratio Lower Upper
180 100
182 96.8 76.1 114.1
145 34.0 27.4 41.0

