

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062907.D
 Acq On : 20 Jan 2025 09:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:35:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	89344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17588	3.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.898	69	17092	4.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.554	65	10495	4.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.605	46	57566	56.922	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.840%
24) Chloroform-d	5.049	84	58796	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.689	65	32371	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.714	84	89547	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.676	67	26779	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.888	98	86979	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.171	79	13619	4.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.621	63	46958	53.211	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.420%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	25311	5.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	36158	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	43901	5.158	ug/L	99
3) Chloromethane	1.512	50	26398	4.622	ug/L	96
5) Vinyl chloride	1.599	62	30852	4.797	ug/L	97
6) Bromomethane	1.837	94	18063	3.860	ug/L	96
8) Chloroethane	1.917	64	19887	5.146	ug/L	100
9) Trichlorofluoromethane	2.126	101	68299	5.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	33190	5.295	ug/L	98
12) 1,1-Dichloroethene	2.570	96	28173	5.080	ug/L	90
13) Acetone	2.612	43	41179	51.400	ug/L	100
14) Carbon disulfide	2.782	76	83669	4.723	ug/L	98
15) Methyl Acetate	2.940	43	9554	5.508	ug/L	98
16) Methylene chloride	3.030	84	31348	5.160	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	81309	5.334	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	29587	4.979	ug/L	98
19) 1,1-Dichloroethane	3.853	63	55782	5.251	ug/L	93
21) 2-Butanone	4.686	43	56998	53.421	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	33795	5.223	ug/L	98
23) Bromochloromethane	4.959	128	16121	5.277	ug/L	95
25) Chloroform	5.071	83	68874	5.268	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062907.D
 Acq On : 20 Jan 2025 09:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

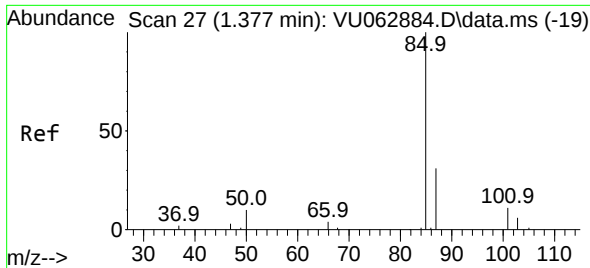
Quant Time: Jan 21 02:35:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46542	5.444	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	67956	5.394	ug/L	100
30) Cyclohexane	5.377	56	41517	5.047	ug/L	98
31) Carbon tetrachloride	5.512	117	63708	5.503	ug/L	98
33) Benzene	5.763	78	124359	5.211	ug/L	100
34) Trichloroethene	6.531	95	36065	4.424	ug/L	99
35) Methylcyclohexane	6.750	83	50901	5.075	ug/L	97
37) 1,2-Dichloropropane	6.779	63	29821	5.298	ug/L	100
38) Bromodichloromethane	7.094	83	49230	5.438	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	51367	5.360	ug/L	97
40) 4-Methyl-2-pentanone	7.775	43	144995	55.142	ug/L	100
42) Toluene	7.959	91	138802	5.308	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	46082	5.577	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	24641	5.390	ug/L	95
47) Tetrachloroethene	8.544	164	29856	5.318	ug/L	95
48) 2-Hexanone	8.672	43	105129	55.611	ug/L	96
49) Dibromochloromethane	8.798	129	33992	5.538	ug/L	99
50) 1,2-Dibromoethane	8.914	107	23355	5.340	ug/L	100
51) Chlorobenzene	9.438	112	90445	5.289	ug/L	99
52) Ethylbenzene	9.560	91	158624	5.346	ug/L	98
53) m,p-Xylene	9.682	106	60158	5.421	ug/L	99
54) o-Xylene	10.090	106	56723	5.336	ug/L	97
55) Styrene	10.103	104	97228	5.468	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	27944	5.449	ug/L #	92
59) Bromoform	10.280	173	20714	5.161	ug/L	99
60) Isopropylbenzene	10.473	105	163396	5.153	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	20831	5.103	ug/L	98
62) 1,3,5-Trimethylbenzene	11.078	105	144389	5.357	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	136672	5.242	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	75422	5.130	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	74583	5.031	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	70744	5.134	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5383	5.091	ug/L	83
69) 1,3,5-Trichlorobenzene	13.209	180	58336	5.269	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	41487	4.652	ug/L	98
71) Naphthalene	14.081	128	49978	3.830	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	35825	4.609	ug/L	96

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

Quant Time: Jan 21 02:35:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration

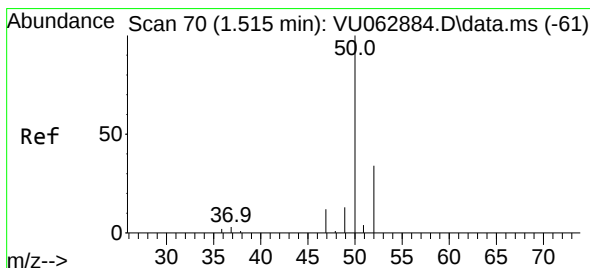
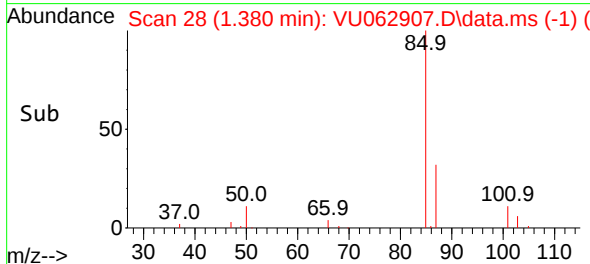
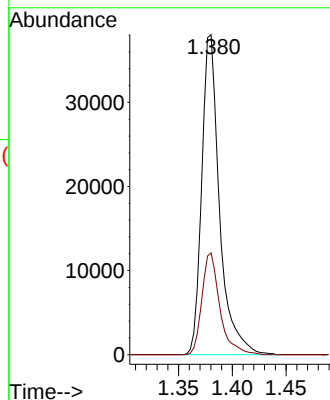
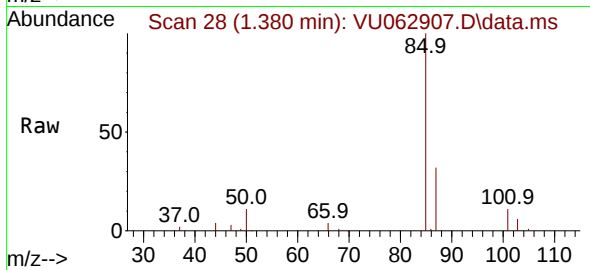




#2
Dichlorodifluoromethane
Concen: 5.158 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

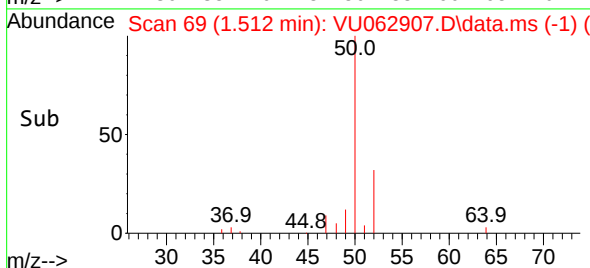
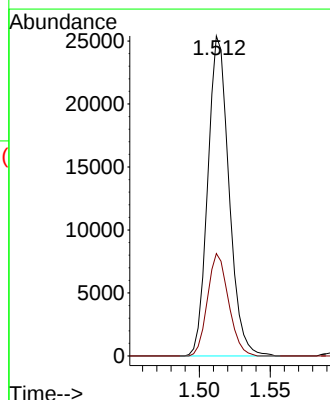
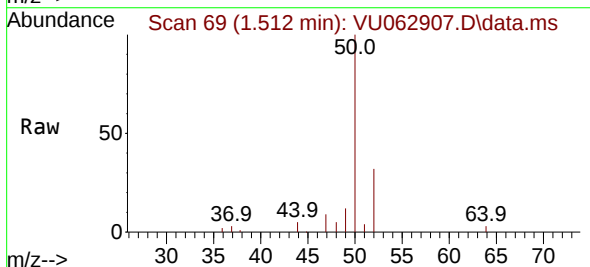
Instrument :
MSVOA_U
ClientSampleId :

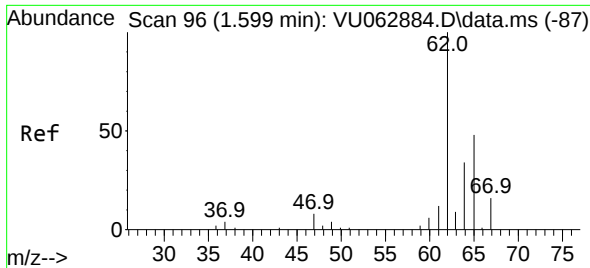
Tgt Ion: 85 Resp: 43901
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1



#3
Chloromethane
Concen: 4.622 ug/L
RT: 1.512 min Scan# 69
Delta R.T. -0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

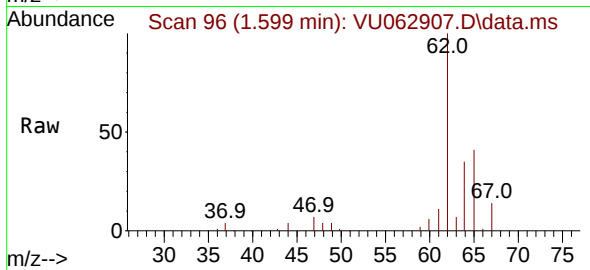
Tgt Ion: 50 Resp: 26398
Ion Ratio Lower Upper
50 100
52 32.0 24.1 44.7



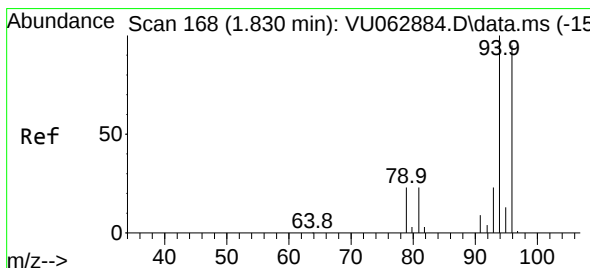
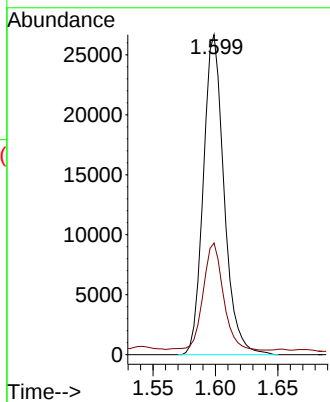
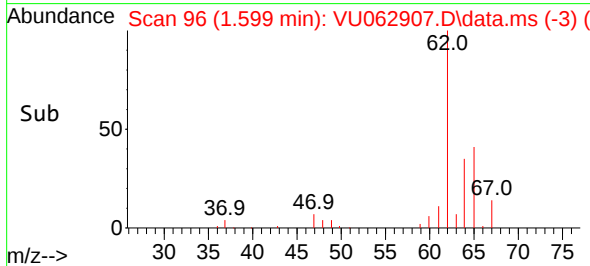


#5
 Vinyl chloride
 Concen: 4.797 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU062907.D
 Acq: 20 Jan 2025 09:48

Instrument :
 MSVOA_U
 ClientSampleId :

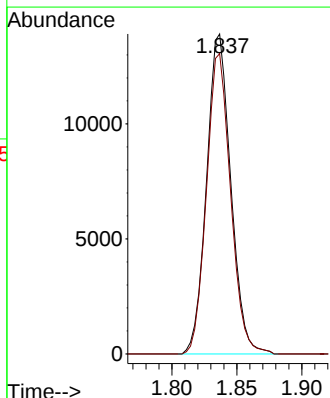
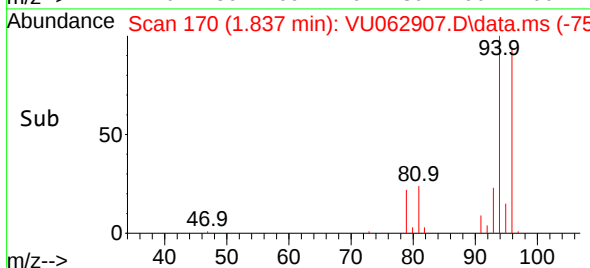
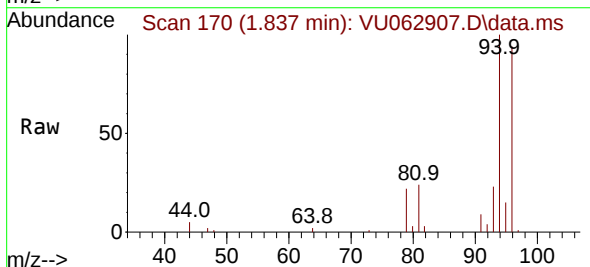


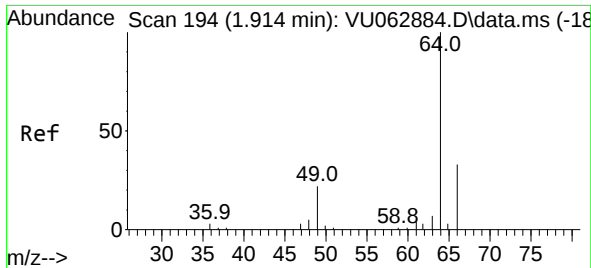
Tgt Ion: 62 Resp: 30852
 Ion Ratio Lower Upper
 62 100
 64 34.9 23.4 43.4



#6
 Bromomethane
 Concen: 3.860 ug/L
 RT: 1.837 min Scan# 170
 Delta R.T. 0.006 min
 Lab File: VU062907.D
 Acq: 20 Jan 2025 09:48

Tgt Ion: 94 Resp: 18063
 Ion Ratio Lower Upper
 94 100
 96 93.9 62.9 116.7

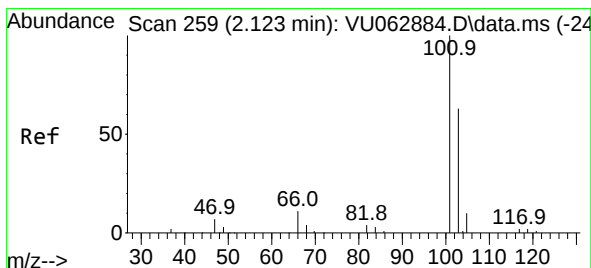
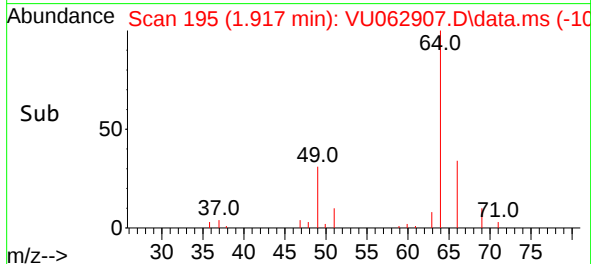
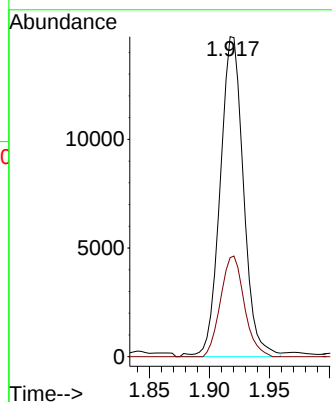
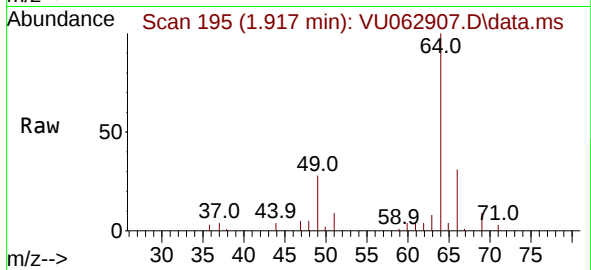




#8
Chloroethane
Concen: 5.146 ug/L
RT: 1.917 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

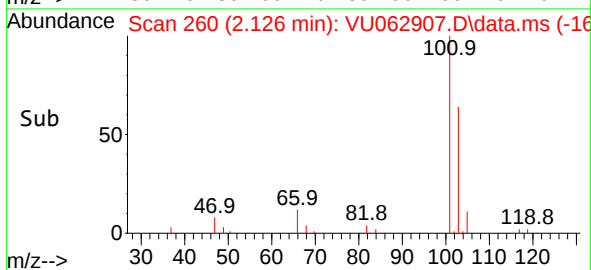
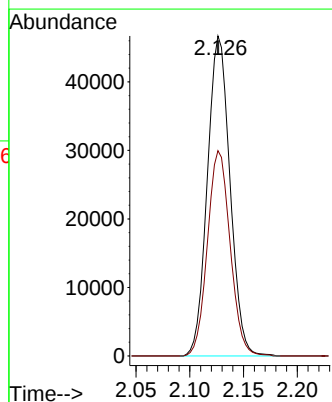
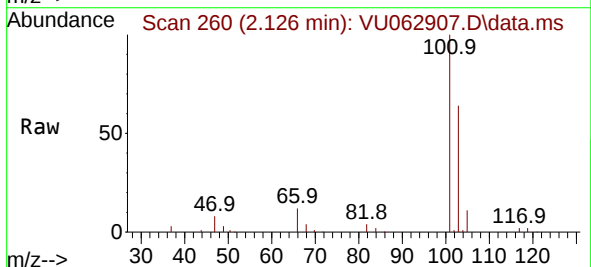
Instrument :
MSVOA_U
ClientSampleId :

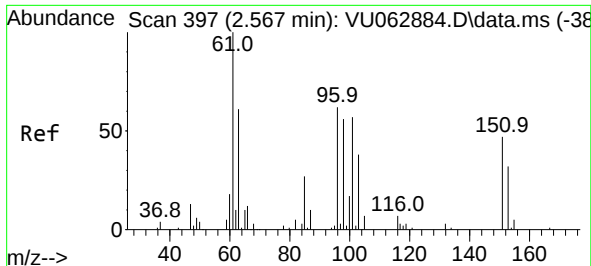
Tgt Ion: 64 Resp: 19887
Ion Ratio Lower Upper
64 100
66 30.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.264 ug/L
RT: 2.126 min Scan# 260
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion:101 Resp: 68299
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

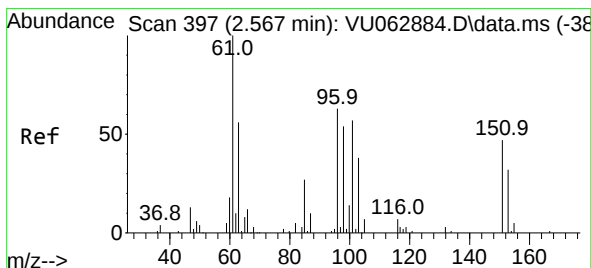
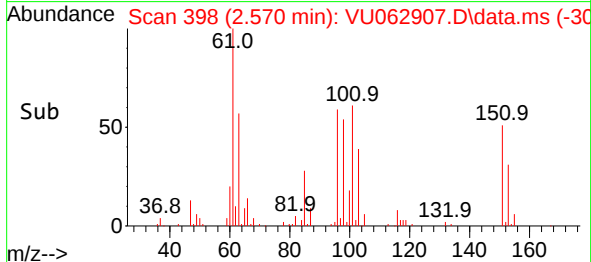
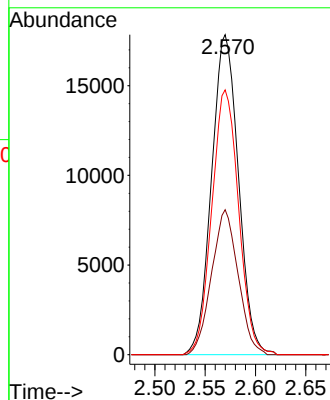
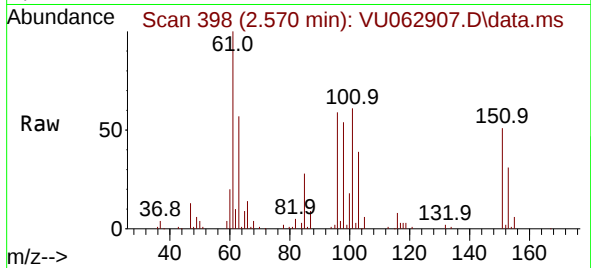




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.295 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

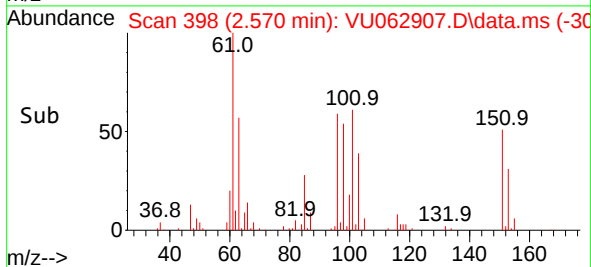
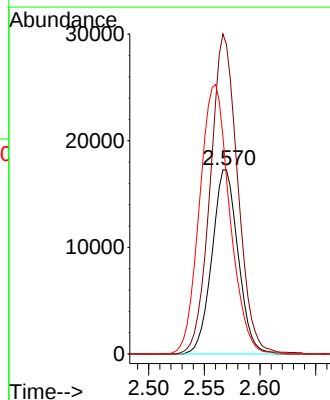
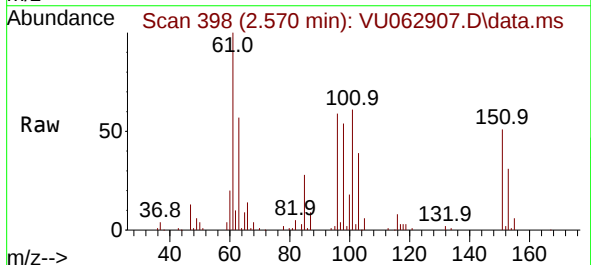
Instrument :
MSVOA_U
ClientSampleId :

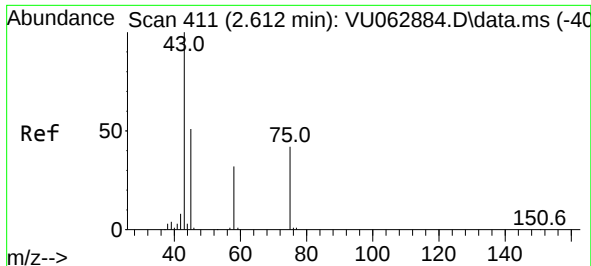
Tgt Ion:101 Resp: 33190
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 82.6 64.4 96.6



#12
1,1-Dichloroethene
Concen: 5.080 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion: 96 Resp: 28173
Ion Ratio Lower Upper
96 100
61 168.1 120.4 223.6
63 95.5 82.3 152.9

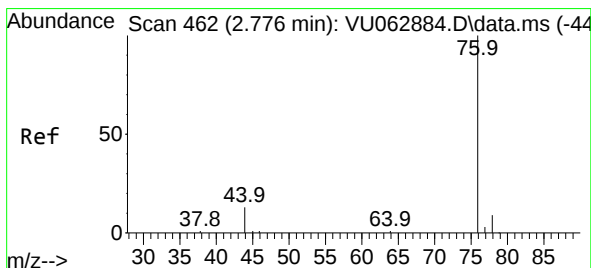
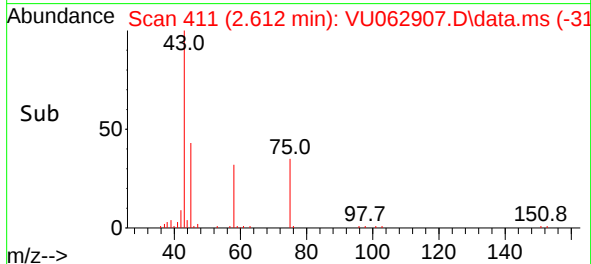
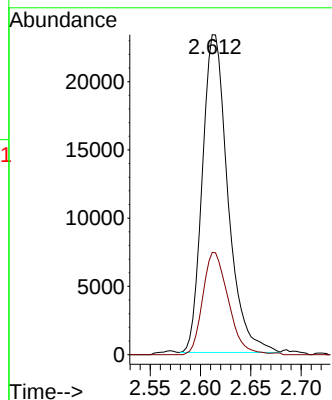
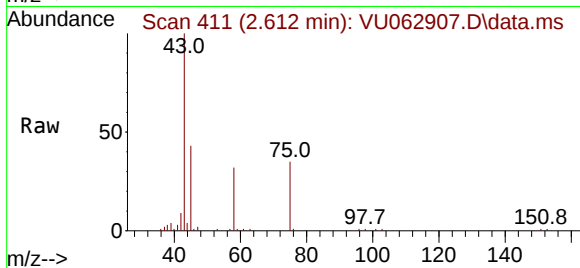




#13
Acetone
Concen: 51.400 ug/L
RT: 2.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

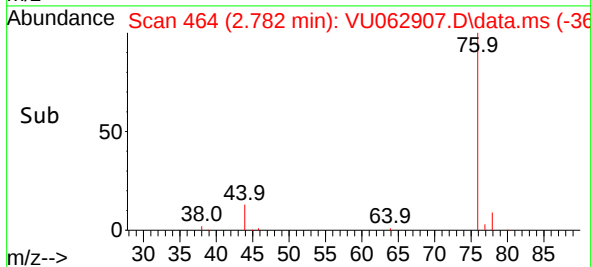
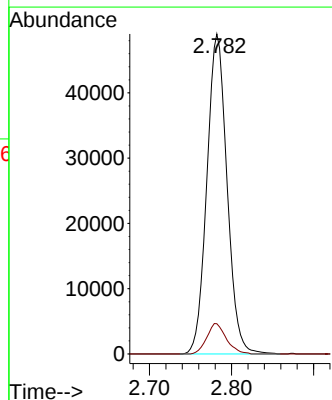
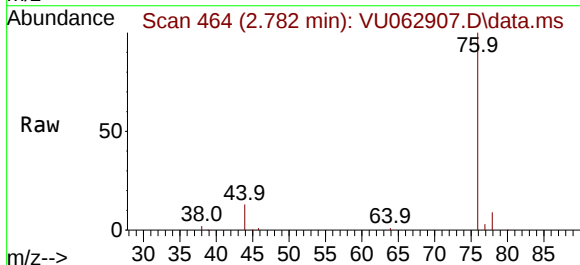
Instrument :
MSVOA_U
ClientSampleId :

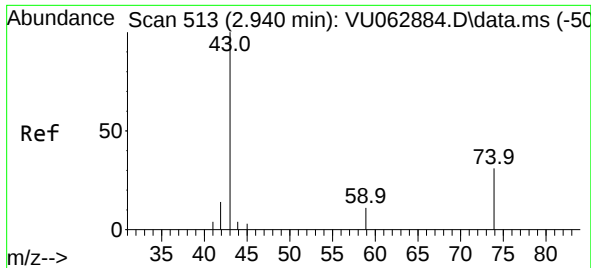
Tgt Ion: 43 Resp: 41179
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.4



#14
Carbon disulfide
Concen: 4.723 ug/L
RT: 2.782 min Scan# 464
Delta R.T. 0.006 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion: 76 Resp: 83669
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

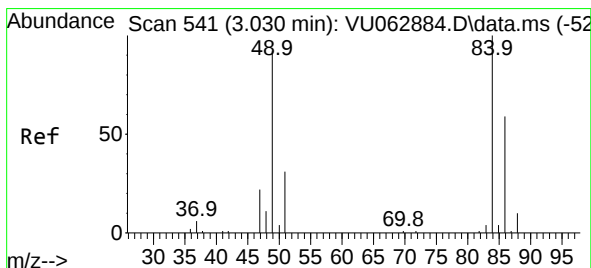
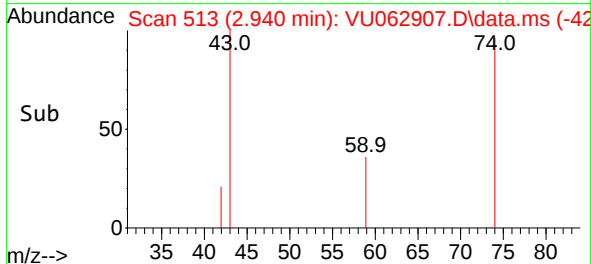
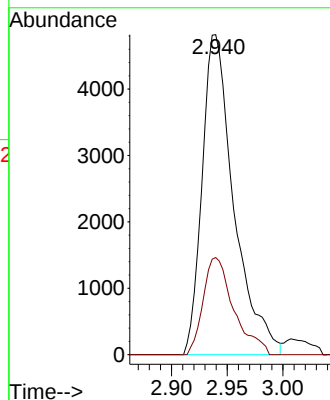
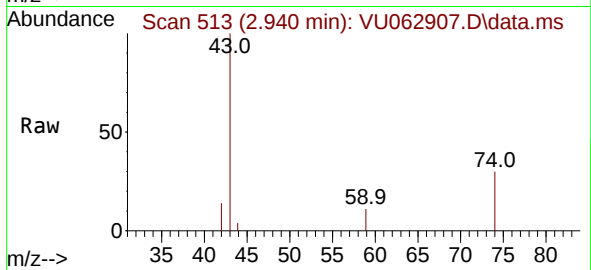




#15
Methyl Acetate
Concen: 5.508 ug/L
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

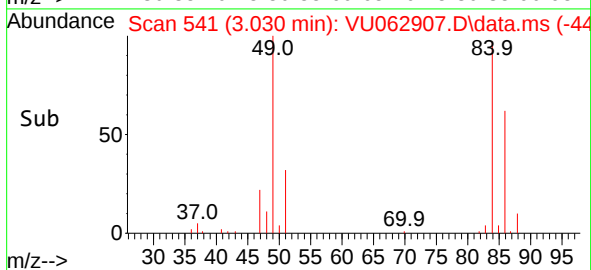
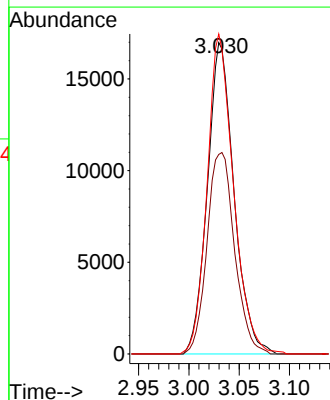
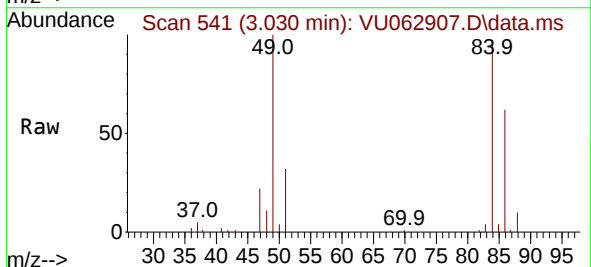
Instrument :
MSVOA_U
ClientSampleId :

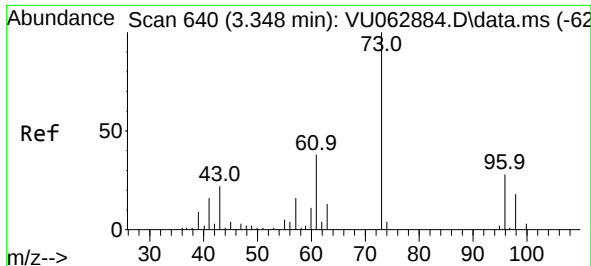
Tgt Ion: 43 Resp: 9554
Ion Ratio Lower Upper
43 100
74 29.3 24.4 36.6



#16
Methylene chloride
Concen: 5.160 ug/L
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion: 84 Resp: 31348
Ion Ratio Lower Upper
84 100
86 64.1 44.7 83.1
49 102.8 68.3 126.9

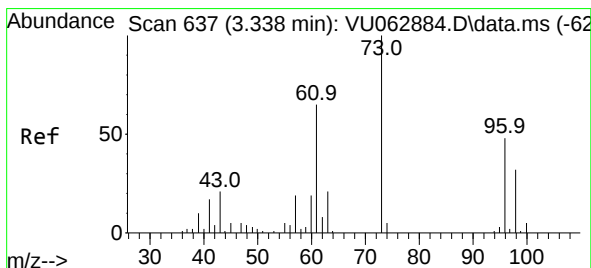
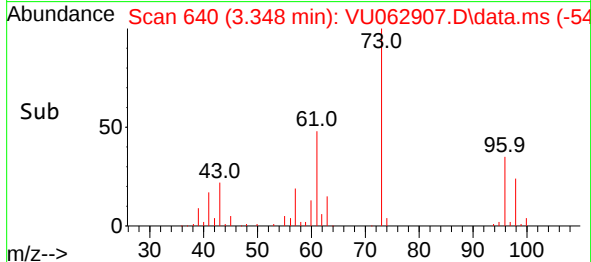
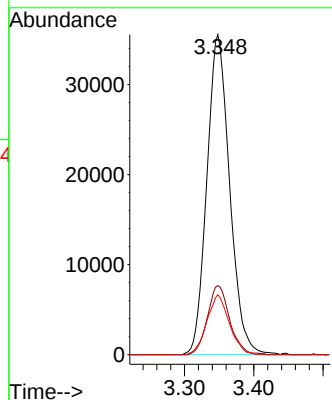
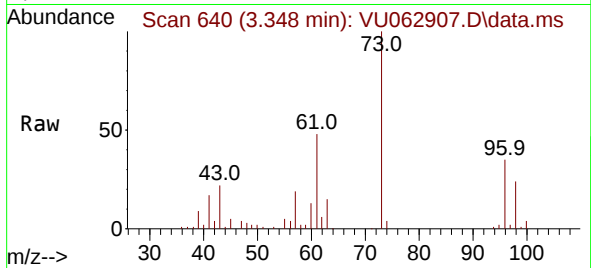




#17
Methyl tert-butyl Ether
Concen: 5.334 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

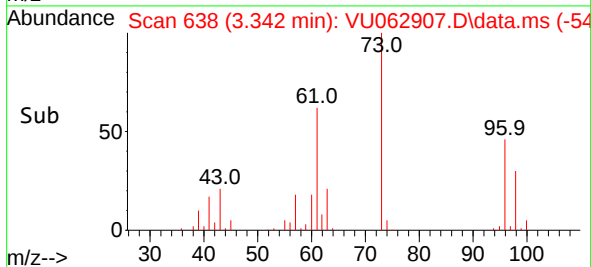
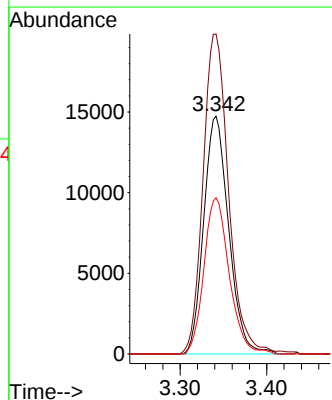
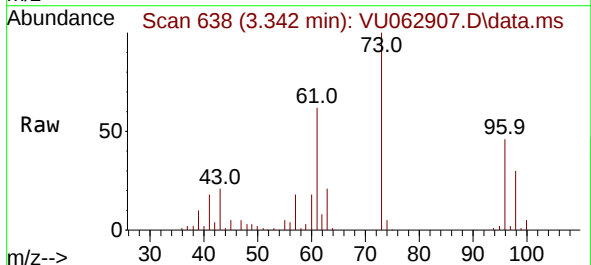
Instrument :
MSVOA_U
ClientSampleId :

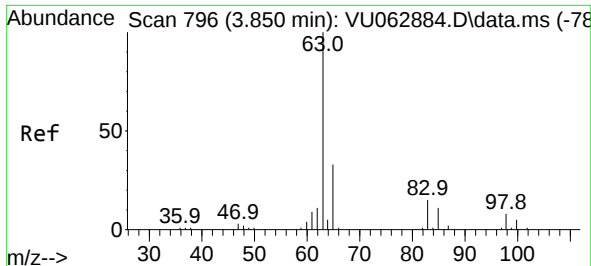
Tgt Ion: 73	Resp: 81309
Ion Ratio	Lower Upper
73 100	
43 21.2	16.2 24.4
57 18.1	14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 4.979 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion: 96	Resp: 29587		
Ion Ratio	Lower	Upper	
96	100		
61	134.6	94.4	175.2
98	65.7	42.8	79.4





#19

1,1-Dichloroethane

Concen: 5.251 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Instrument :

MSVOA_U

ClientSampleId :

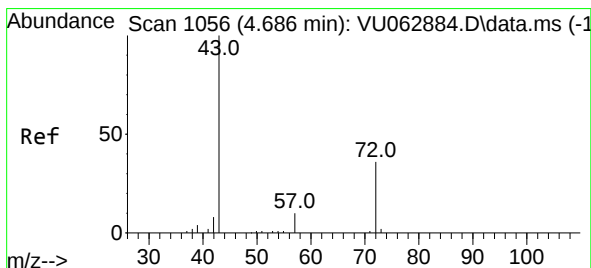
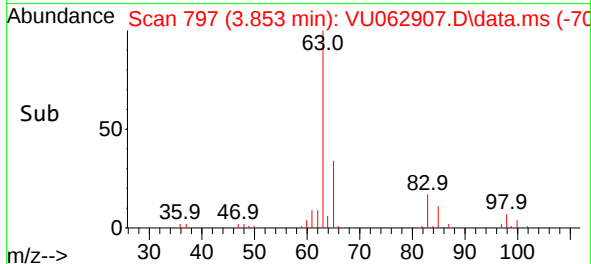
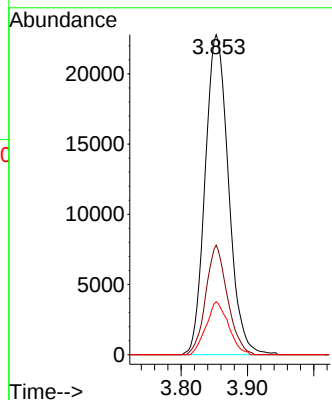
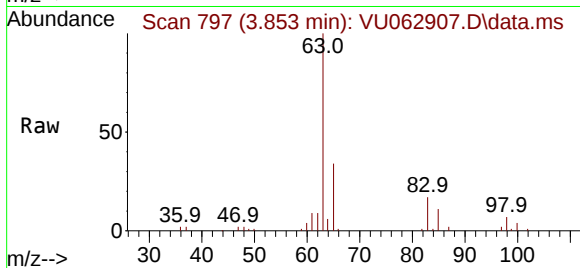
Tgt Ion: 63 Resp: 55782

Ion Ratio Lower Upper

63 100

65 34.2 20.7 38.5

83 16.5 10.5 19.5



#21

2-Butanone

Concen: 53.421 ug/L

RT: 4.686 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VU062907.D

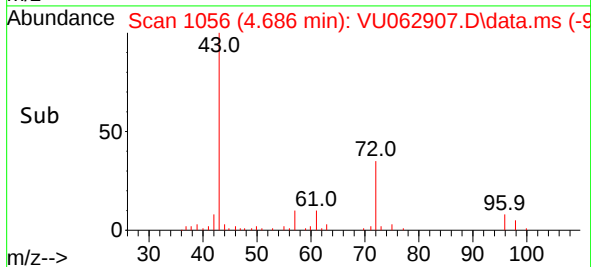
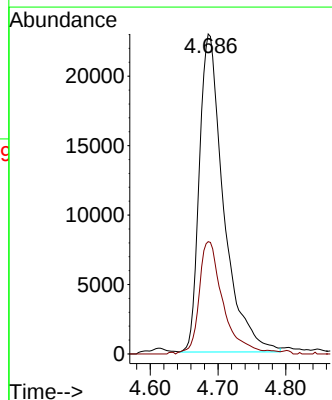
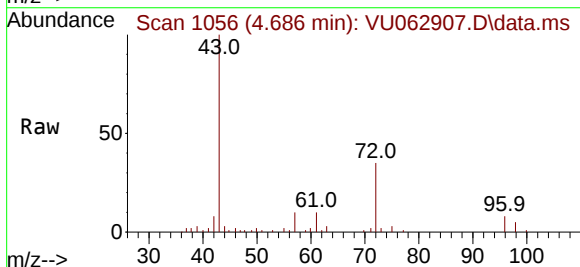
Acq: 20 Jan 2025 09:48

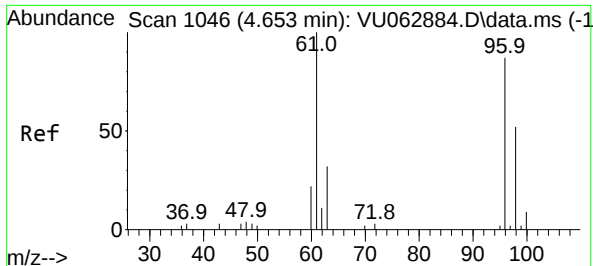
Tgt Ion: 43 Resp: 56998

Ion Ratio Lower Upper

43 100

72 34.5 17.1 51.2

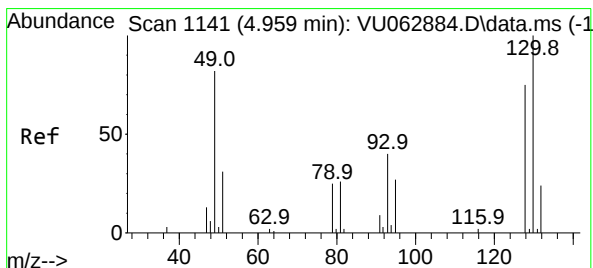
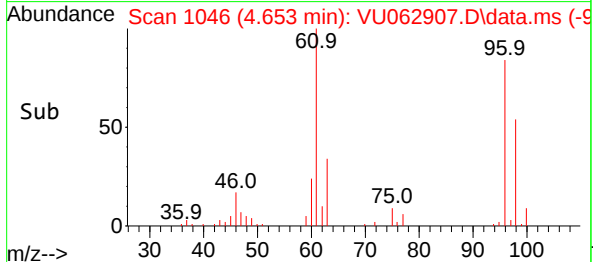
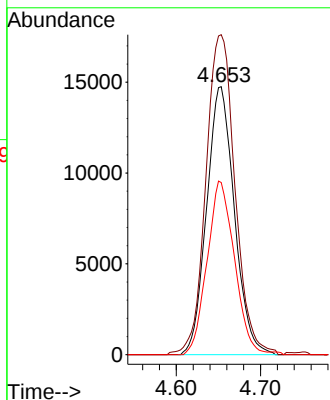
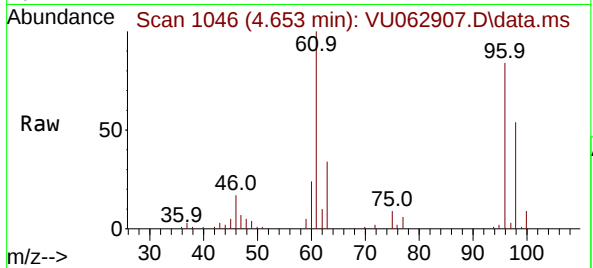




#22
 cis-1,2-Dichloroethene
 Concen: 5.223 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062907.D
 Acq: 20 Jan 2025 09:48

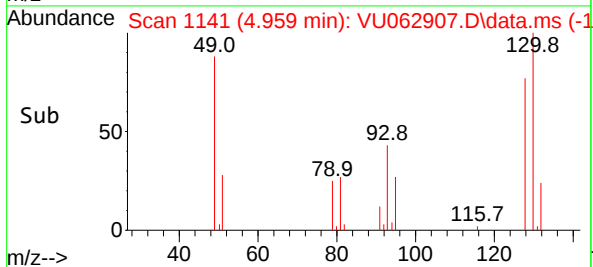
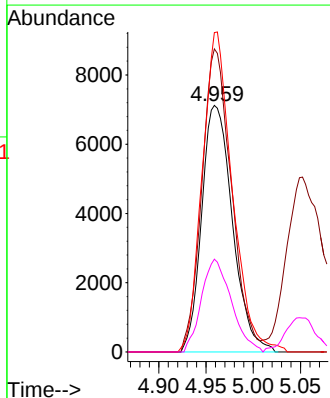
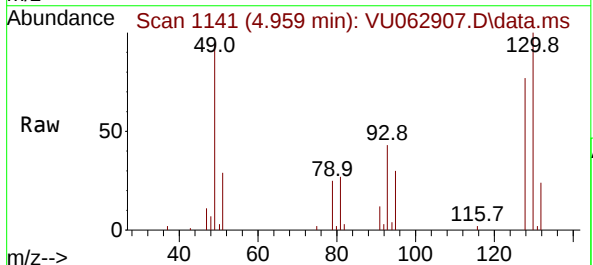
Instrument :
 MSVOA_U
 ClientSampleId :

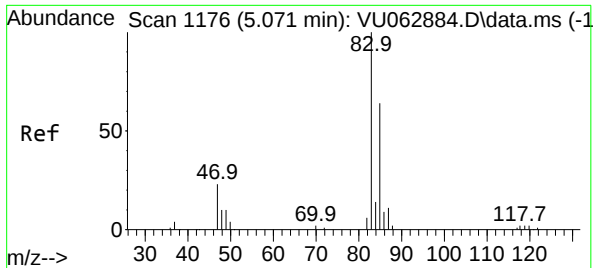
Tgt Ion: 96 Resp: 33795
 Ion Ratio Lower Upper
 96 100
 61 119.4 84.8 157.6
 98 64.2 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.277 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. 0.000 min
 Lab File: VU062907.D
 Acq: 20 Jan 2025 09:48

Tgt Ion:128 Resp: 16121
 Ion Ratio Lower Upper
 128 100
 49 123.0 81.1 150.7
 130 129.5 94.9 176.3
 51 37.6 30.6 46.0

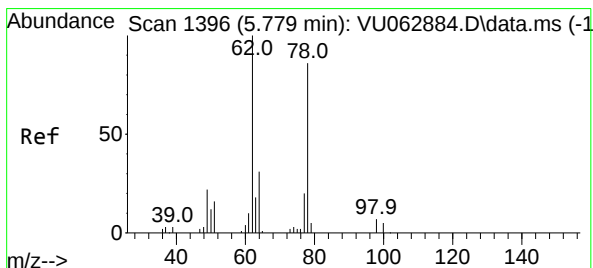
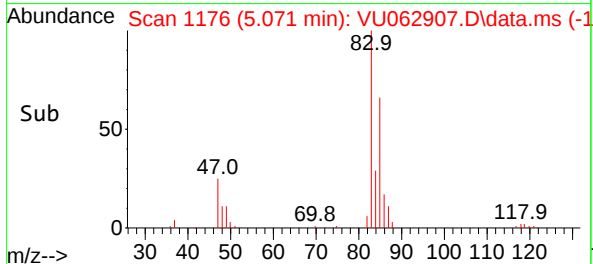
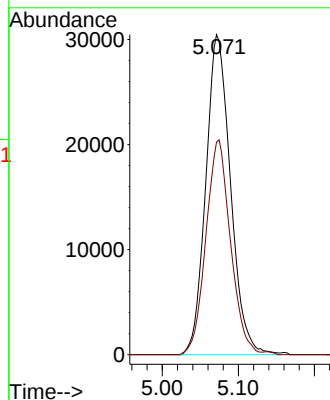
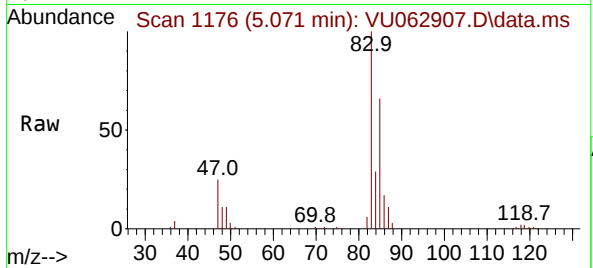




#25
Chloroform
Concen: 5.268 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

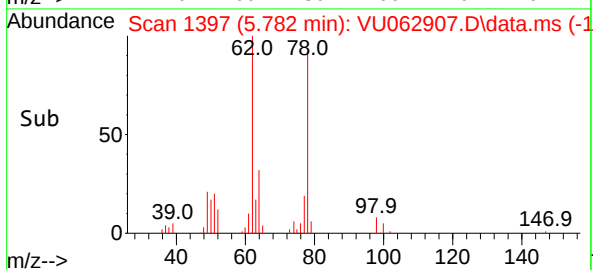
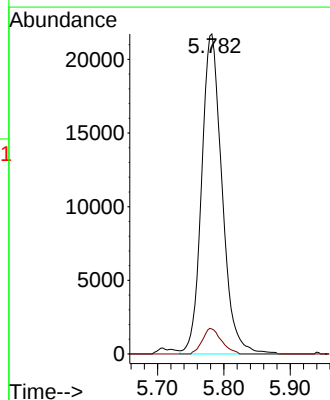
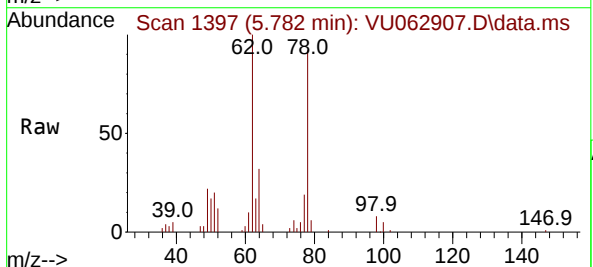
Instrument :
MSVOA_U
ClientSampleId :

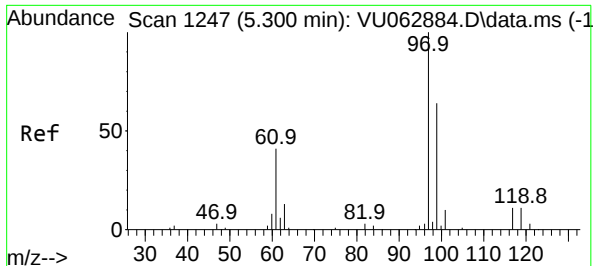
Tgt Ion: 83 Resp: 68874
Ion Ratio Lower Upper
83 100
85 66.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.444 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion: 62 Resp: 46542
Ion Ratio Lower Upper
62 100
98 7.8 5.8 8.6

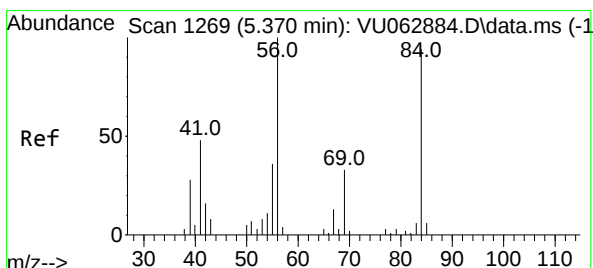
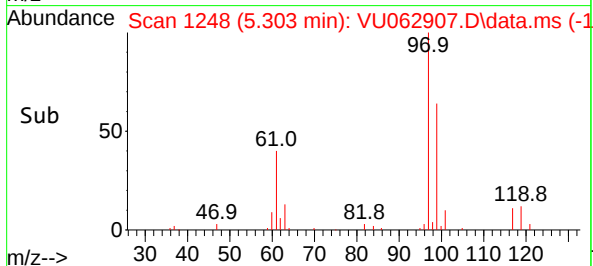
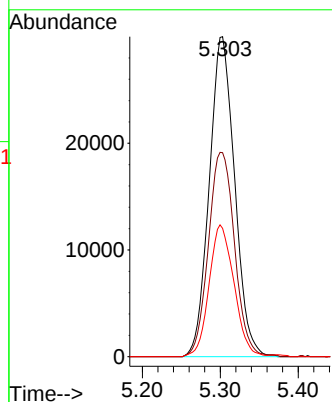
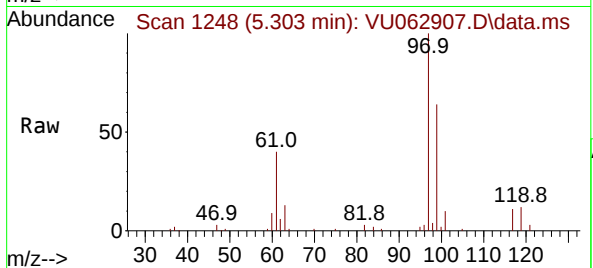




#29
1,1,1-Trichloroethane
Concen: 5.394 ug/L
RT: 5.303 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

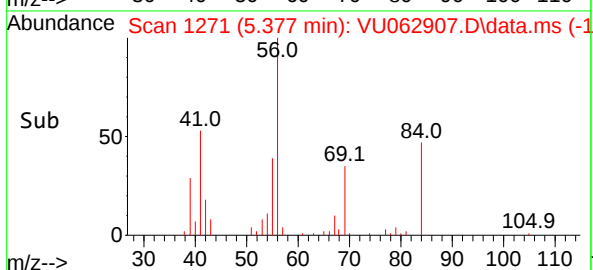
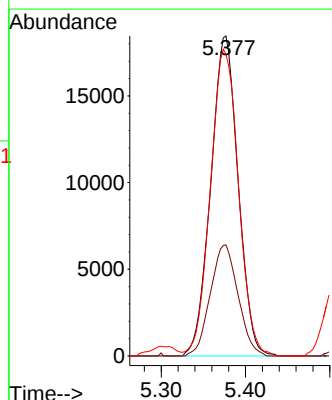
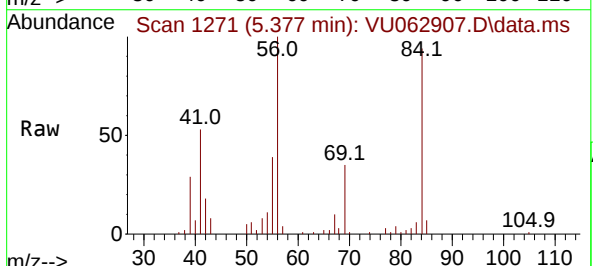
Instrument :
MSVOA_U
ClientSampleId :

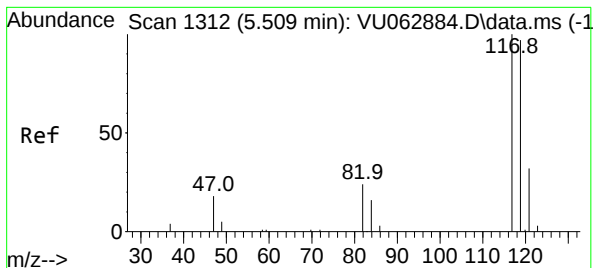
Tgt Ion: 97 Resp: 67956
Ion Ratio Lower Upper
97 100
99 65.9 52.4 78.6
61 40.3 32.2 48.4



#30
Cyclohexane
Concen: 5.047 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion: 56 Resp: 41517
Ion Ratio Lower Upper
56 100
69 35.2 28.3 42.5
84 98.7 76.5 114.7





#31

Carbon tetrachloride

Concen: 5.503 ug/L

RT: 5.512 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Instrument :

MSVOA_U

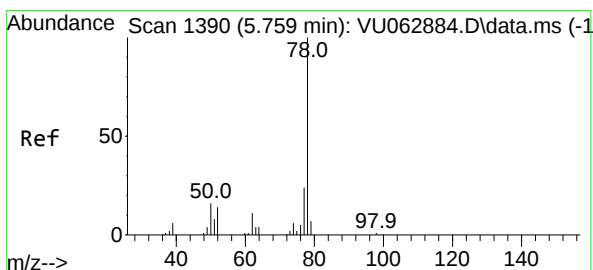
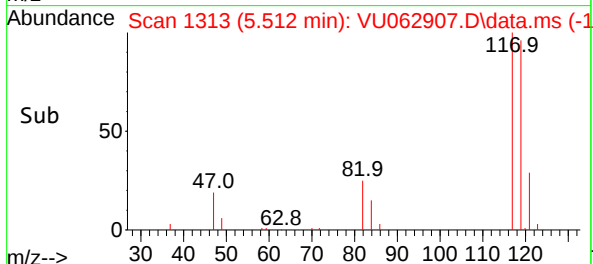
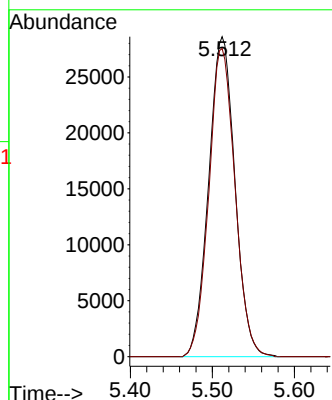
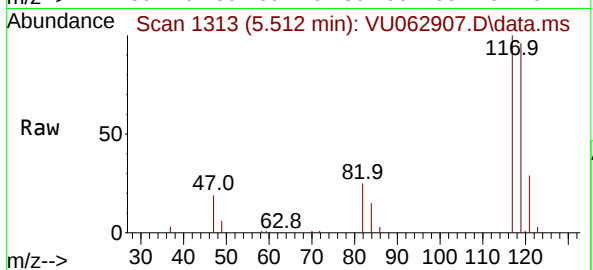
ClientSampleId :

Tgt Ion:117 Resp: 63708

Ion Ratio Lower Upper

117 100

119 95.9 78.6 118.0



#33

Benzene

Concen: 5.211 ug/L

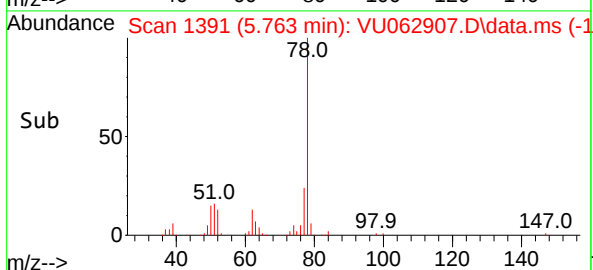
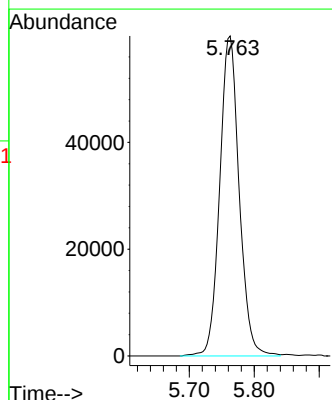
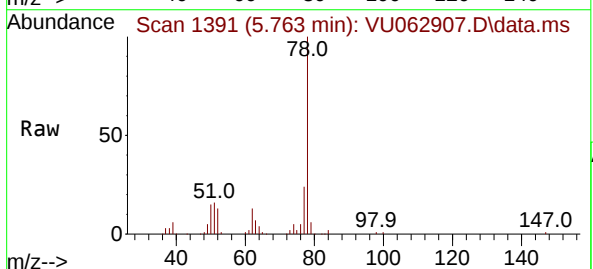
RT: 5.763 min Scan# 1391

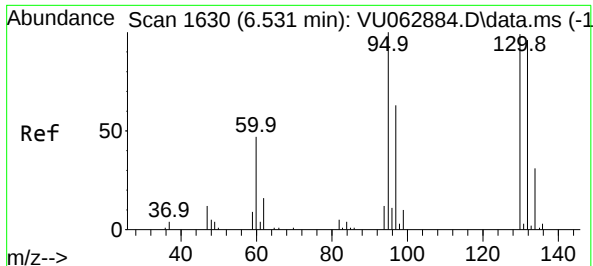
Delta R.T. 0.003 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Tgt Ion: 78 Resp: 124359

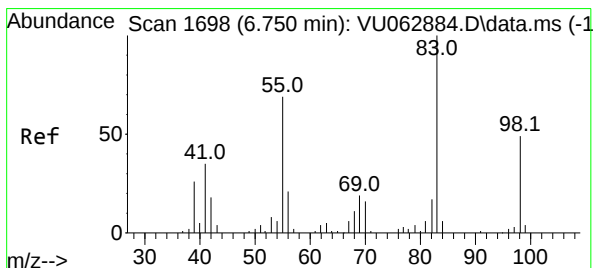
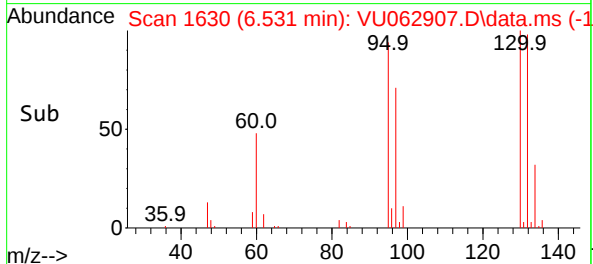
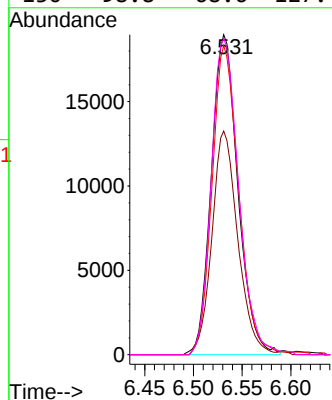
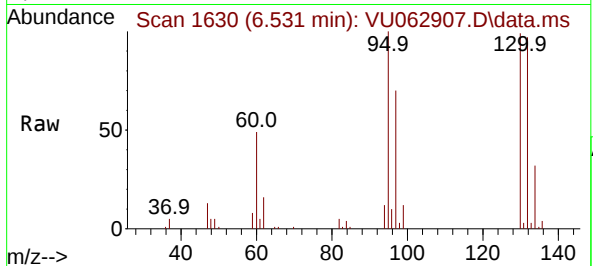




#34
Trichloroethene
Concen: 4.424 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

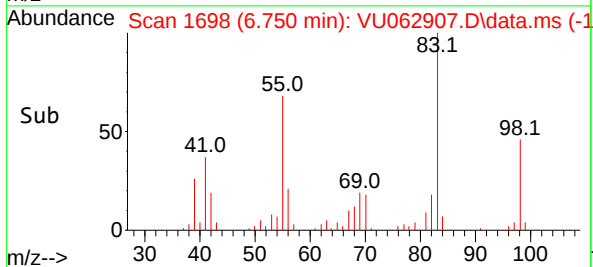
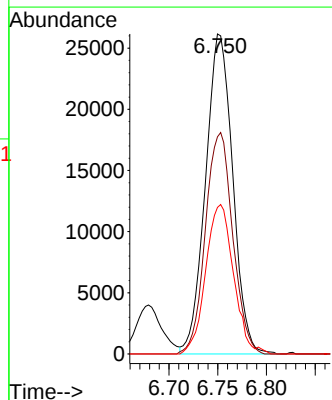
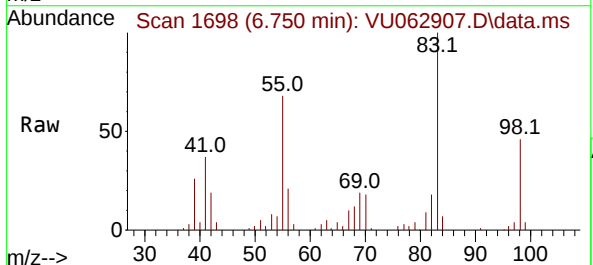
Instrument :
MSVOA_U
ClientSampleId :

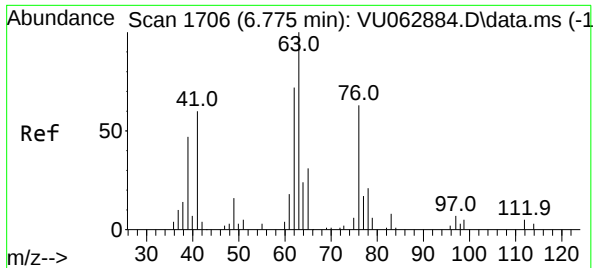
Tgt Ion: 95 Resp: 36065
Ion Ratio Lower Upper
95 100
97 69.9 47.5 88.3
132 96.6 66.9 124.3
130 98.8 68.6 127.4



#35
Methylcyclohexane
Concen: 5.075 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion: 83 Resp: 50901
Ion Ratio Lower Upper
83 100
55 69.5 57.2 85.8
98 47.7 36.6 55.0

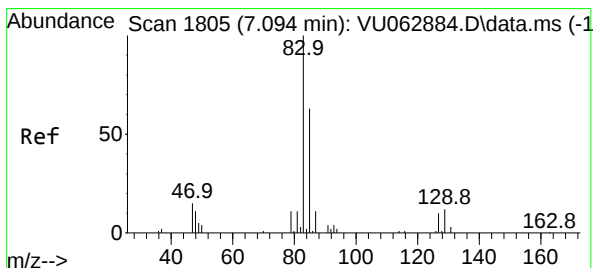
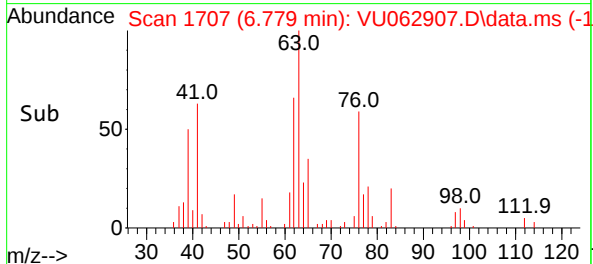
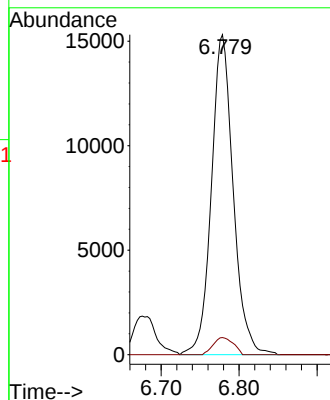
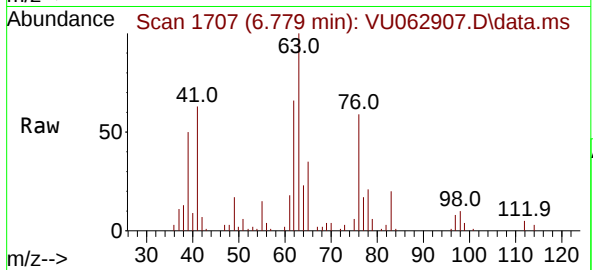




#37
1,2-Dichloropropane
Concen: 5.298 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

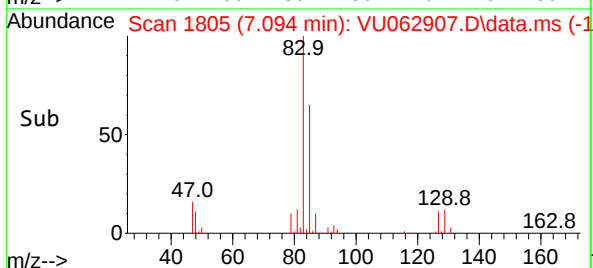
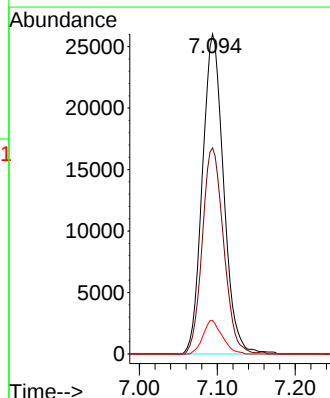
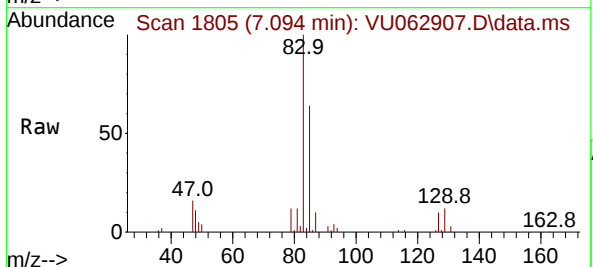
Instrument :
MSVOA_U
ClientSampleId :

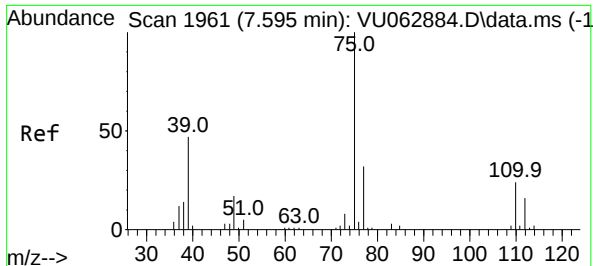
Tgt Ion: 63 Resp: 29821
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8



#38
Bromodichloromethane
Concen: 5.438 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion: 83 Resp: 49230
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.0
127 10.5 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.360 ug/L

RT: 7.599 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Instrument :

MSVOA_U

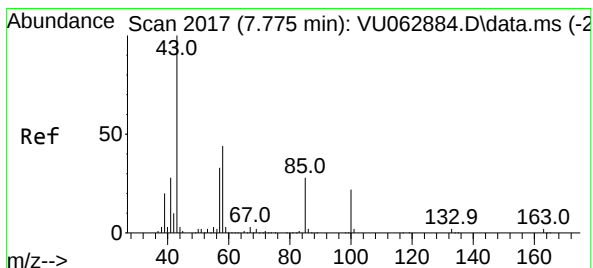
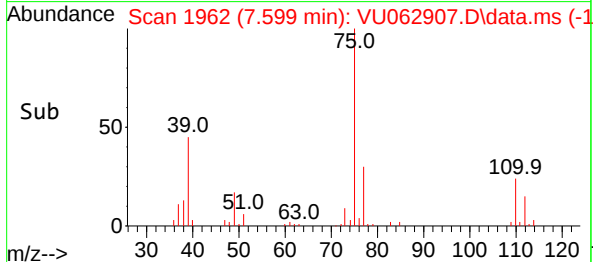
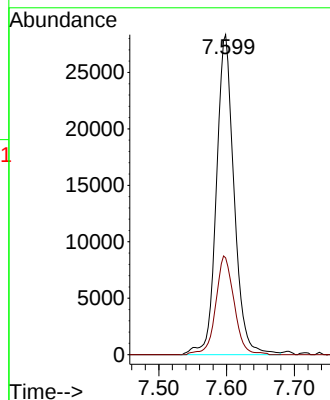
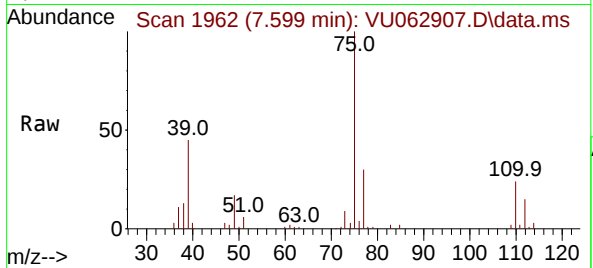
ClientSampleId :

Tgt Ion: 75 Resp: 51367

Ion Ratio Lower Upper

75 100

77 30.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 55.142 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

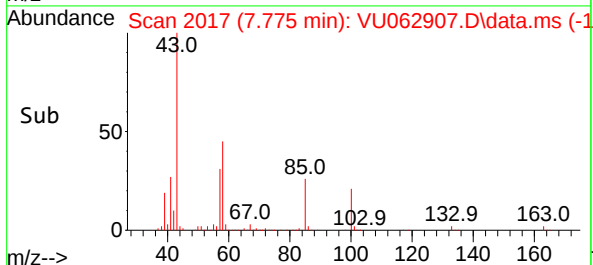
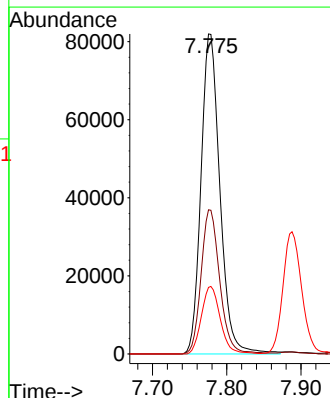
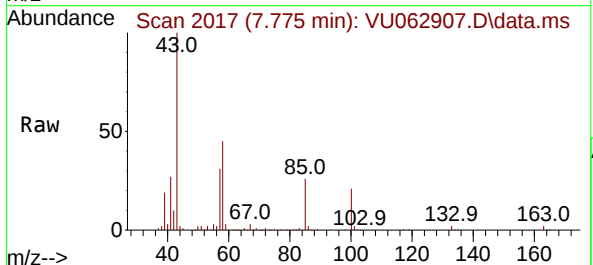
Tgt Ion: 43 Resp: 144995

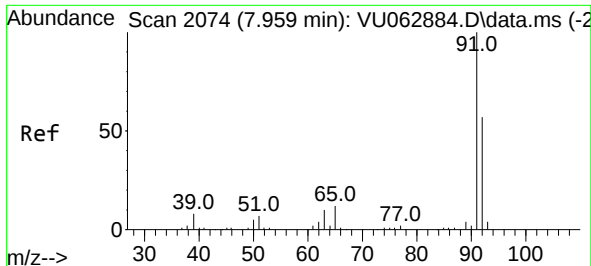
Ion Ratio Lower Upper

43 100

58 44.5 35.8 53.8

100 21.0 16.8 25.2





#42

Toluene

Concen: 5.308 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Instrument :

MSVOA_U

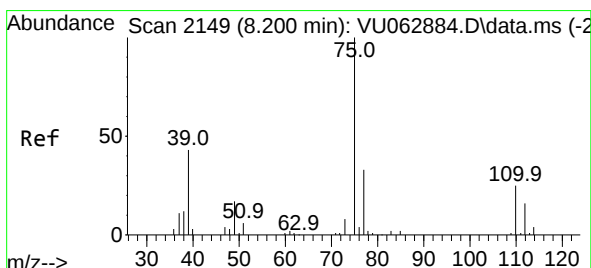
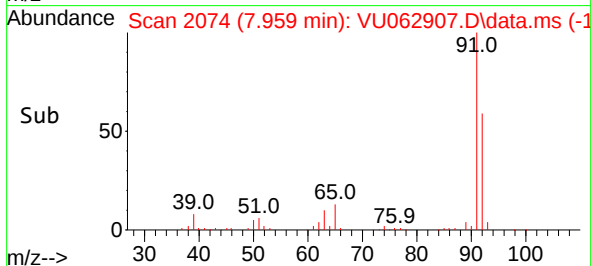
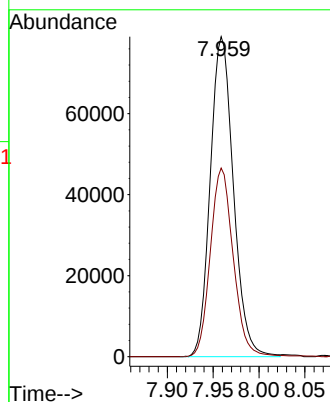
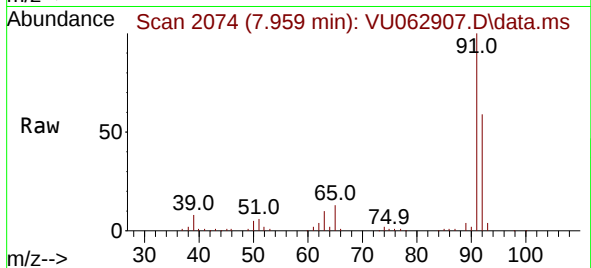
ClientSampleId :

Tgt Ion: 91 Resp: 138802

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.577 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU062907.D

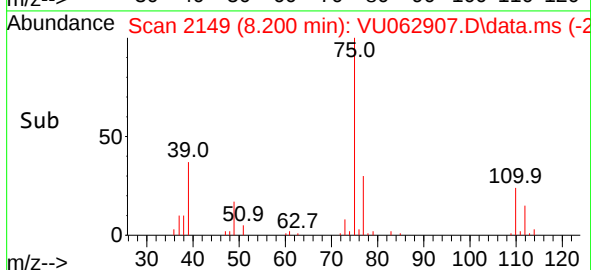
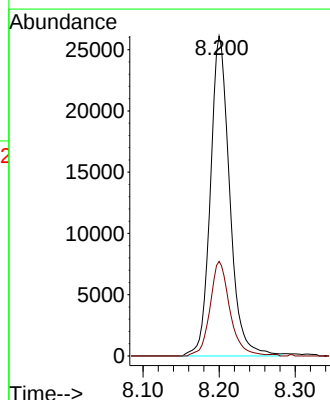
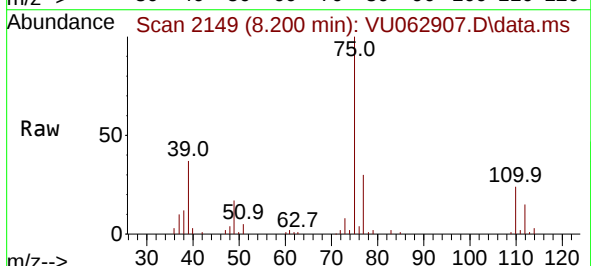
Acq: 20 Jan 2025 09:48

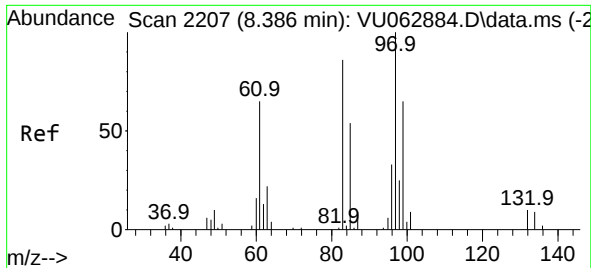
Tgt Ion: 75 Resp: 46082

Ion Ratio Lower Upper

75 100

77 29.6 21.8 40.6

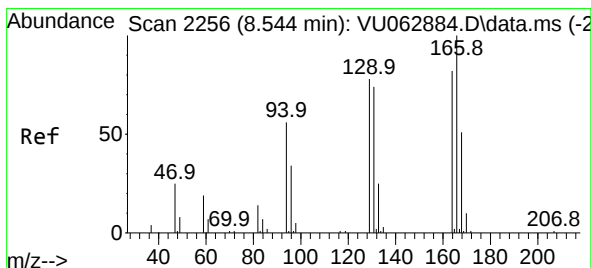
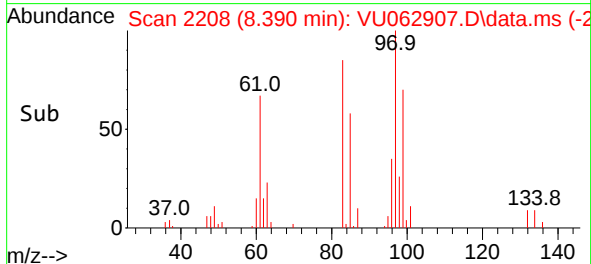
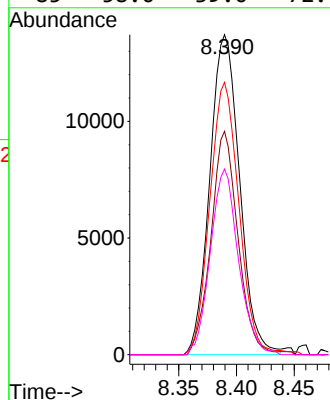
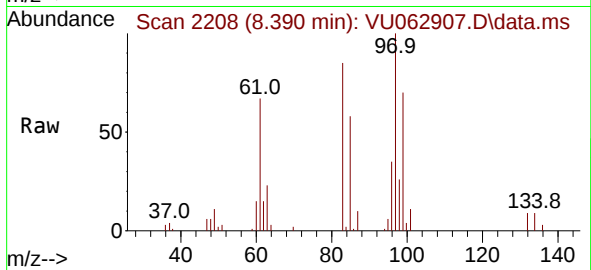




#45
1,1,2-Trichloroethane
Concen: 5.390 ug/L
RT: 8.390 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

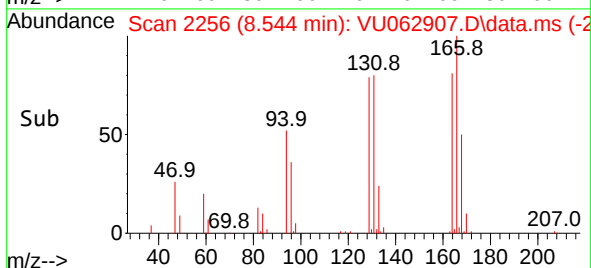
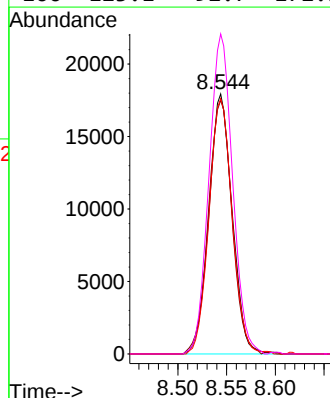
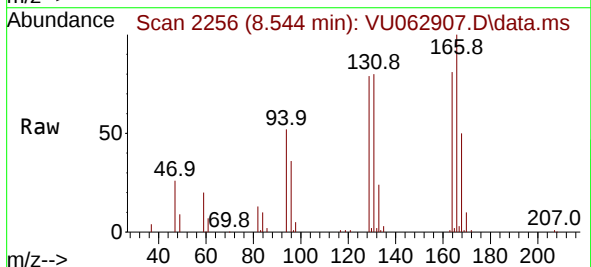
Instrument :
MSVOA_U
ClientSampleId :

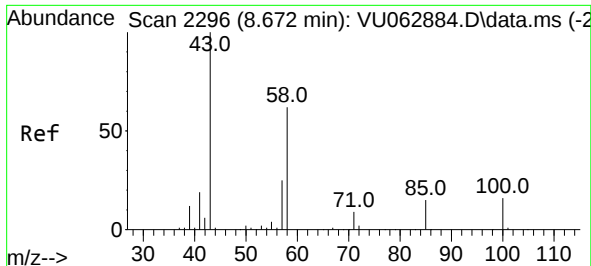
Tgt Ion: 97	Resp: 24641
Ion Ratio	Lower Upper
97 100	
99 69.8	45.6 84.6
83 85.1	63.0 117.0
85 58.0	39.0 72.4



#47
Tetrachloroethene
Concen: 5.318 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

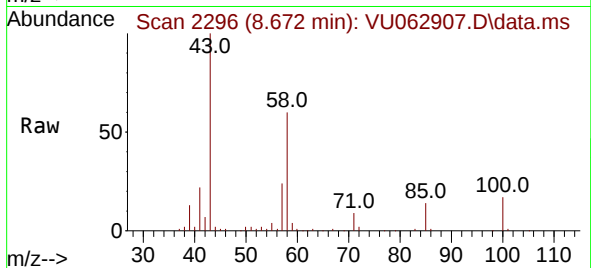
Tgt Ion: 164	Resp: 29856
Ion Ratio	Lower Upper
164 100	
129 97.6	71.0 131.9
131 98.3	69.4 129.0
166 123.1	92.7 172.3



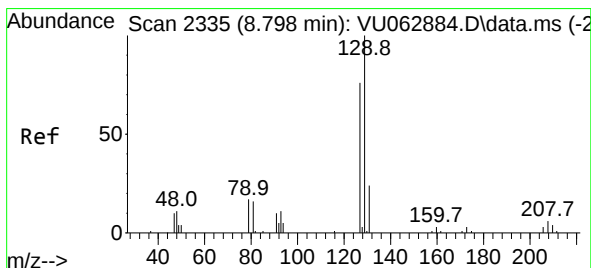
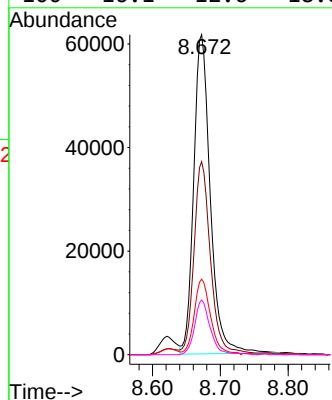
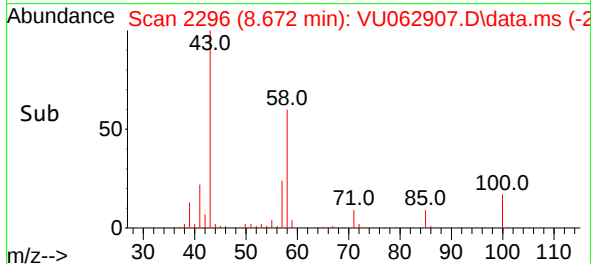


#48
2-Hexanone
Concen: 55.611 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Instrument :
MSVOA_U
ClientSampleId :

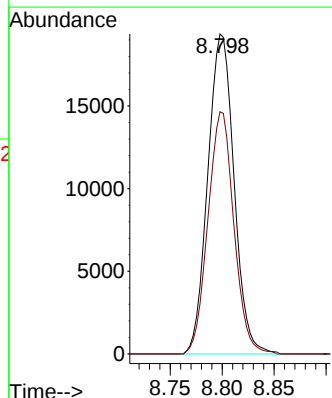
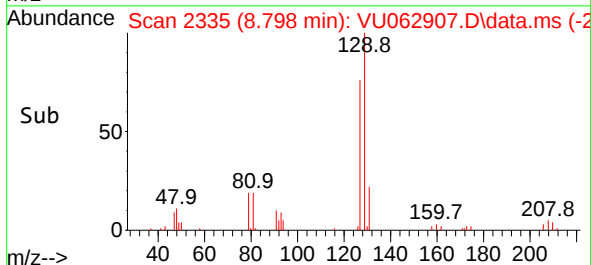
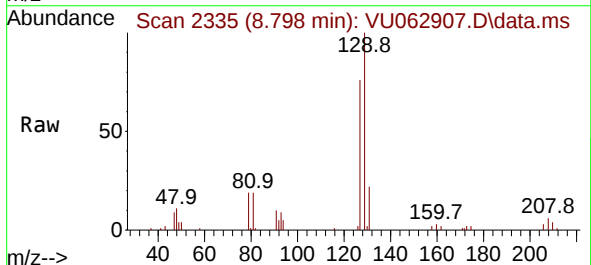


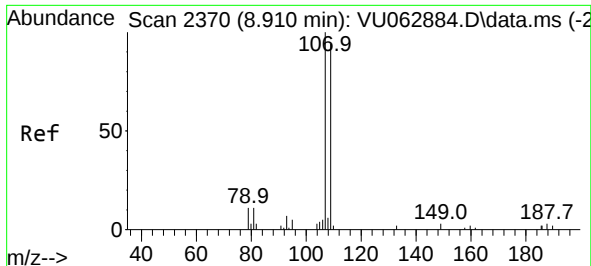
Tgt Ion: 43 Resp: 105129
Ion Ratio Lower Upper
43 100
58 59.1 50.2 75.4
57 23.5 19.9 29.9
100 16.1 12.6 18.8



#49
Dibromochloromethane
Concen: 5.538 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

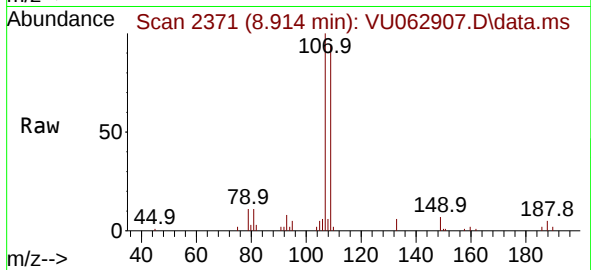
Tgt Ion: 129 Resp: 33992
Ion Ratio Lower Upper
129 100
127 75.7 52.1 96.9



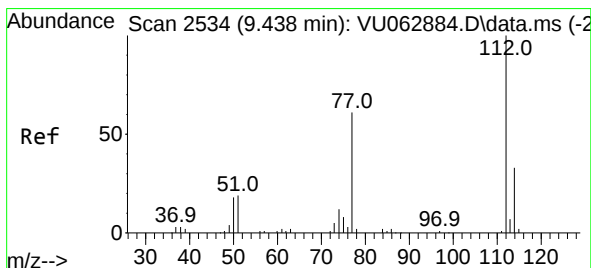
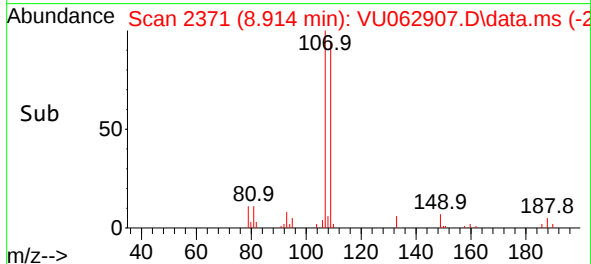
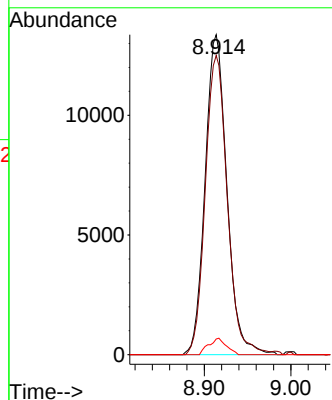


#50
1,2-Dibromoethane
Concen: 5.340 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Instrument :
MSVOA_U
ClientSampleId :

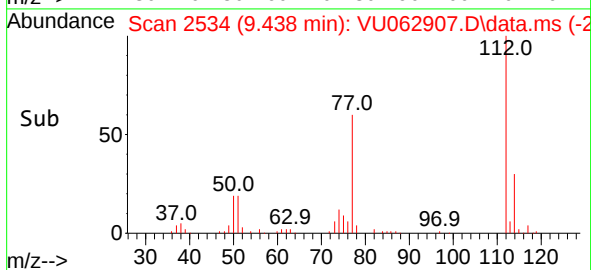
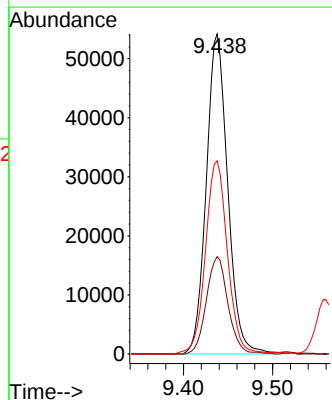
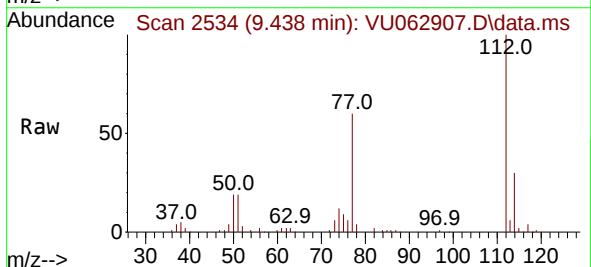


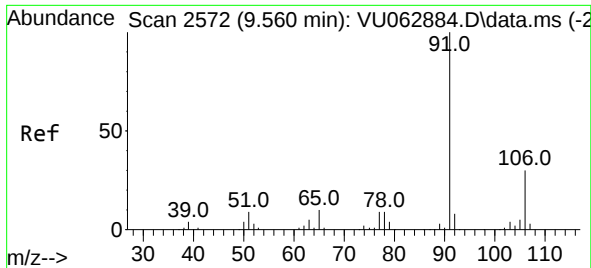
Tgt Ion:107 Resp: 23355
Ion Ratio Lower Upper
107 100
109 93.5 65.7 121.9
188 4.9 3.4 5.2



#51
Chlorobenzene
Concen: 5.289 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion:112 Resp: 90445
Ion Ratio Lower Upper
112 100
114 30.4 21.7 40.3
77 60.4 48.6 73.0

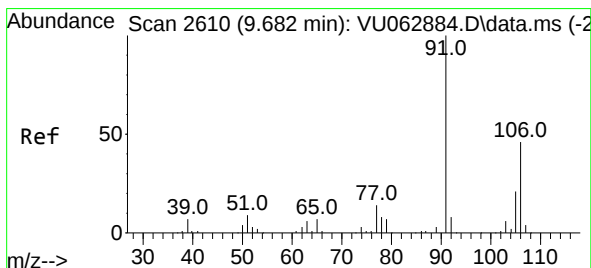
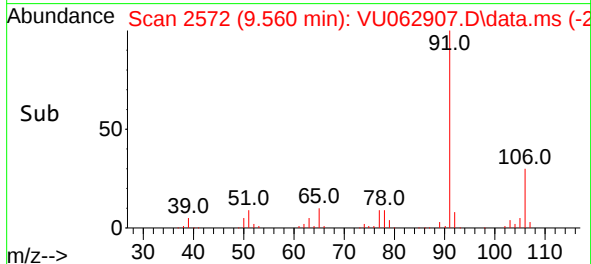
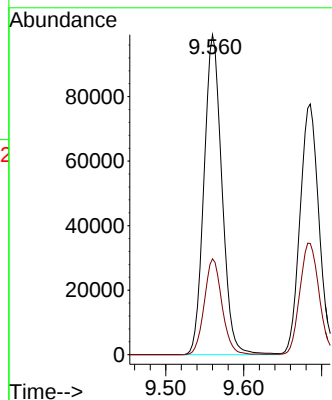
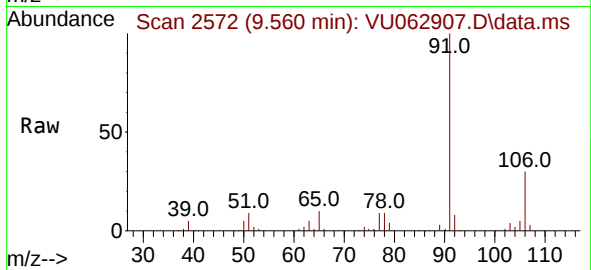




#52
Ethylbenzene
Concen: 5.346 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

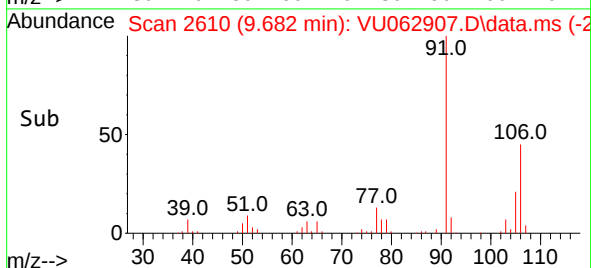
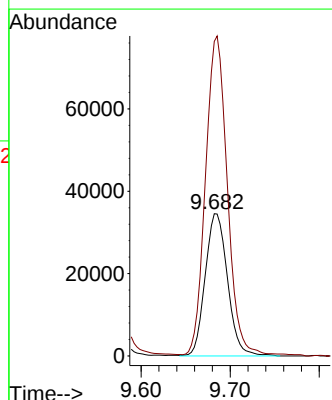
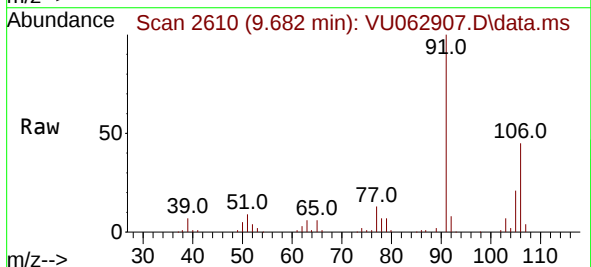
Instrument :
MSVOA_U
ClientSampleId :

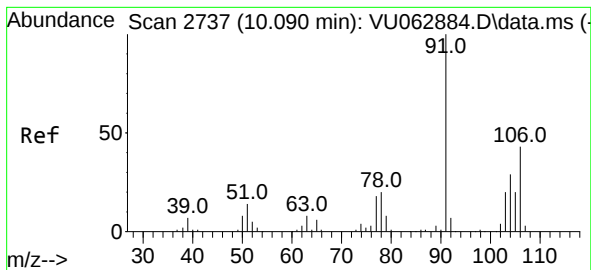
Tgt Ion: 91 Resp: 158624
Ion Ratio Lower Upper
91 100
106 30.0 21.9 40.7



#53
m,p-Xylene
Concen: 5.421 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

Tgt Ion:106 Resp: 60158
Ion Ratio Lower Upper
106 100
91 221.1 153.1 284.3





#54

o-Xylene

Concen: 5.336 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Instrument :

MSVOA_U

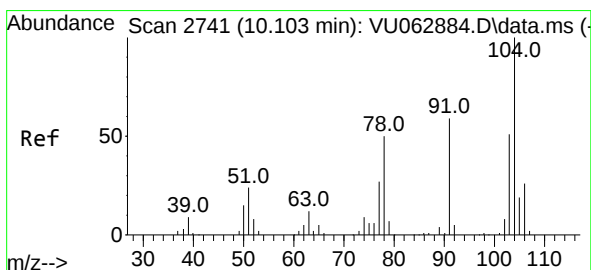
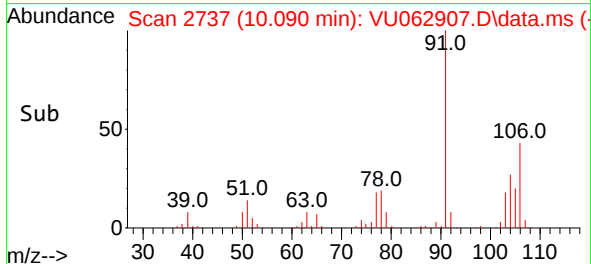
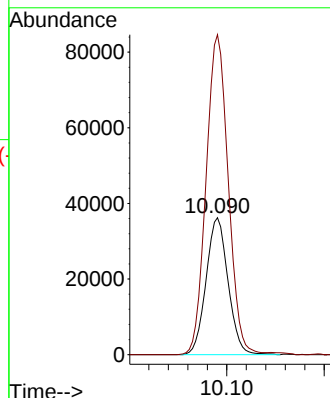
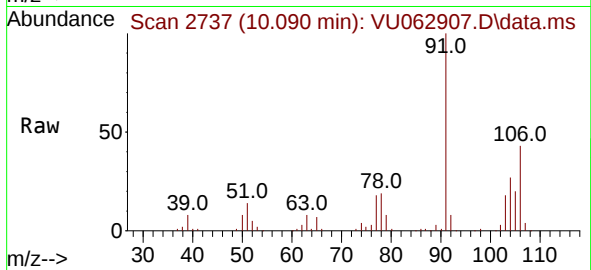
ClientSampleId :

Tgt Ion:106 Resp: 56723

Ion Ratio Lower Upper

106 100

91 233.6 160.4 297.8



#55

Styrene

Concen: 5.468 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.000 min

Lab File: VU062907.D

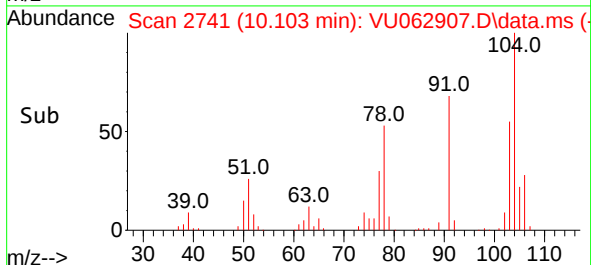
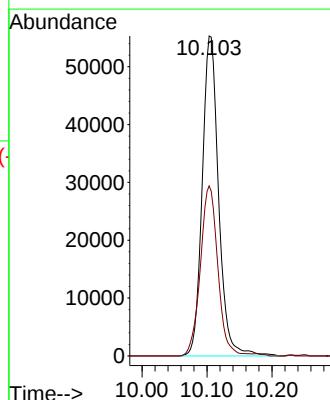
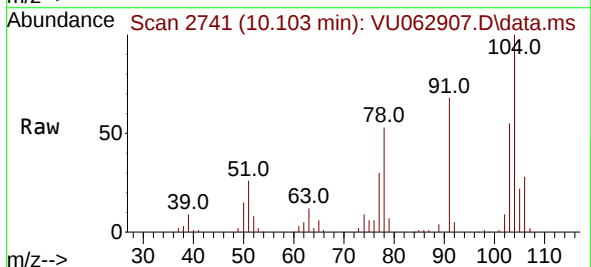
Acq: 20 Jan 2025 09:48

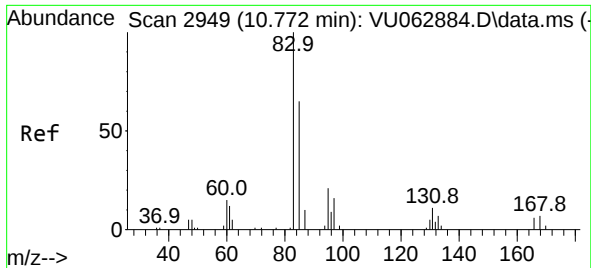
Tgt Ion:104 Resp: 97228

Ion Ratio Lower Upper

104 100

78 53.1 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.449 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Instrument :

MSVOA_U

ClientSampleId :

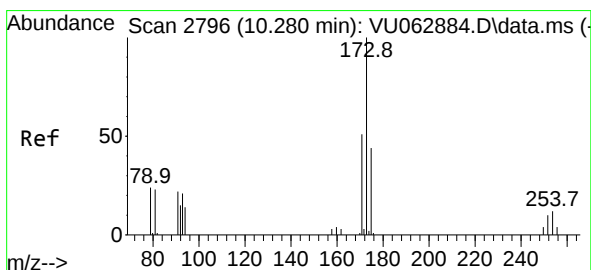
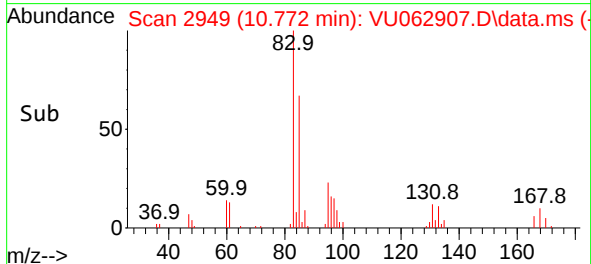
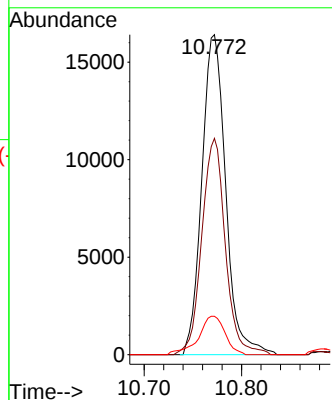
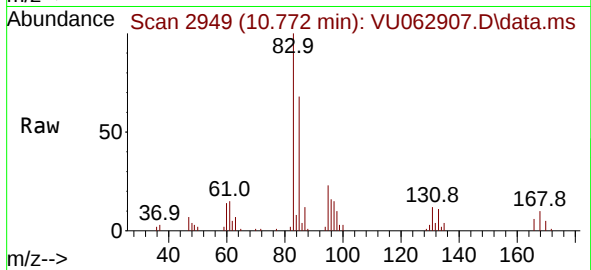
Tgt Ion: 83 Resp: 27944

Ion Ratio Lower Upper

83 100

85 67.6 43.0 79.8

131 12.0 7.4 11.0#



#59

Bromoform

Concen: 5.161 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

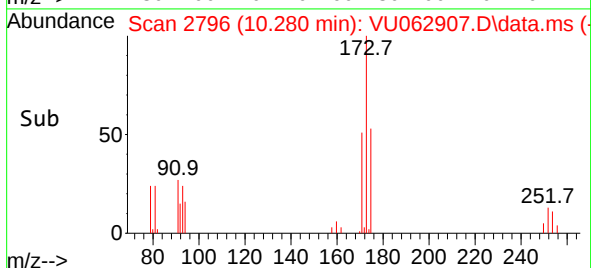
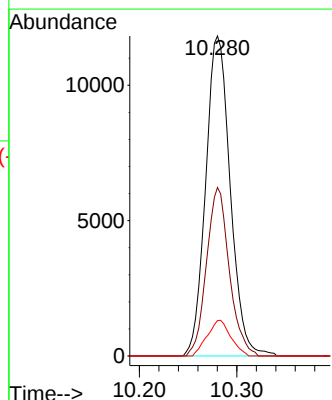
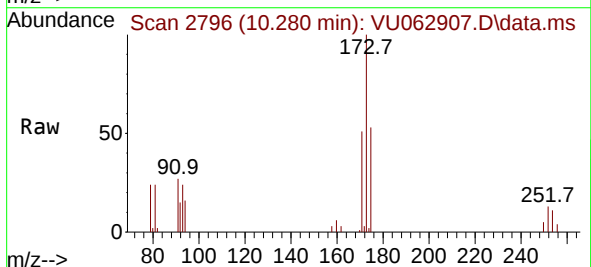
Tgt Ion:173 Resp: 20714

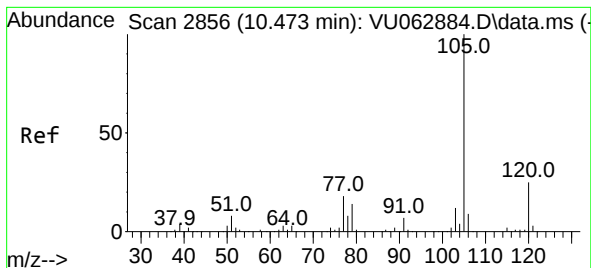
Ion Ratio Lower Upper

173 100

175 48.8 39.8 59.8

254 10.7 8.6 12.8





#60

Isopropylbenzene

Concen: 5.153 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062907.D

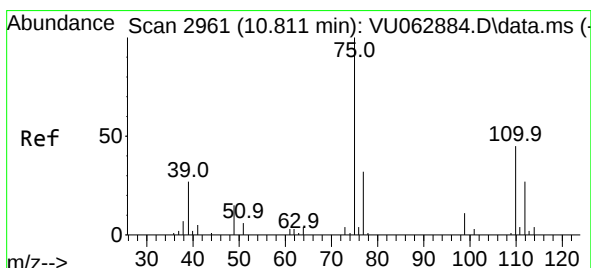
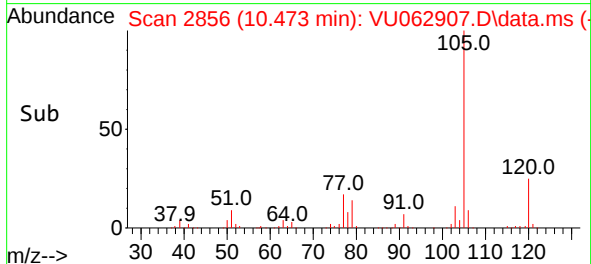
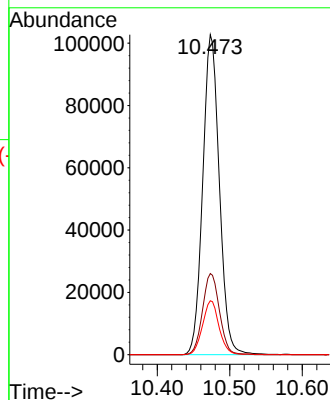
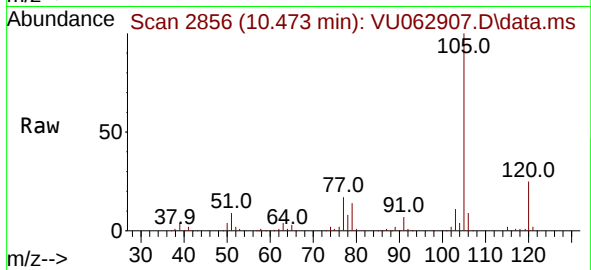
Acq: 20 Jan 2025 09:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	163396
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.2	30.2
77	16.7	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 5.103 ug/L

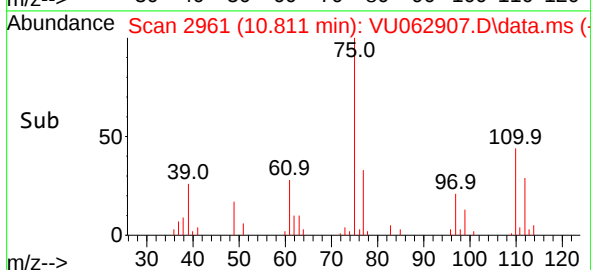
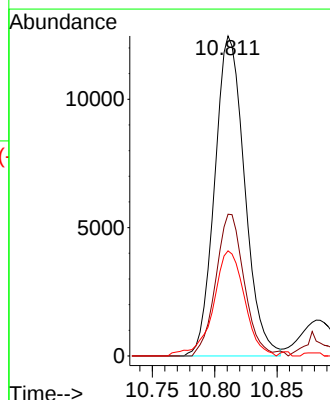
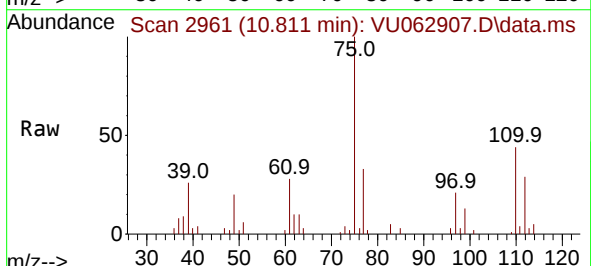
RT: 10.811 min Scan# 2961

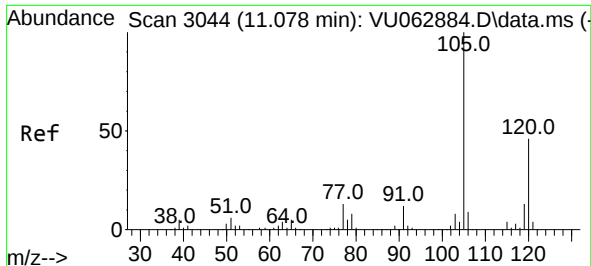
Delta R.T. -0.000 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Tgt Ion:	75	Resp:	20831
Ion Ratio	Lower	Upper	
75	100		
110	42.3	33.2	49.8
77	34.2	25.9	38.9

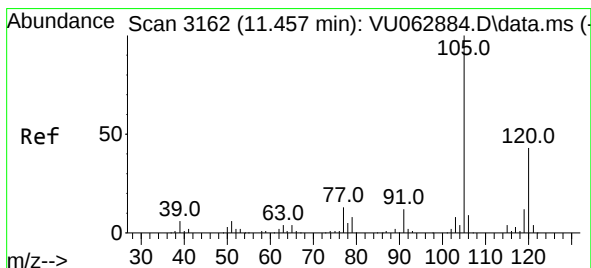
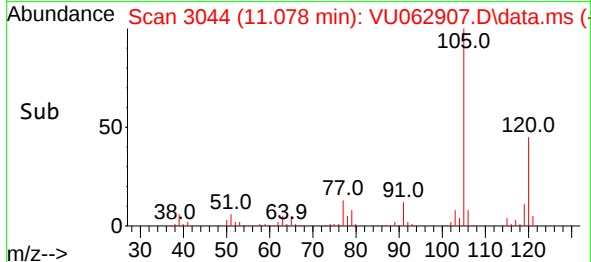
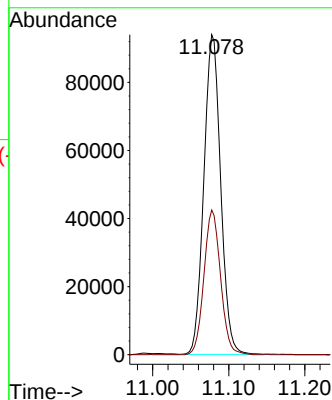
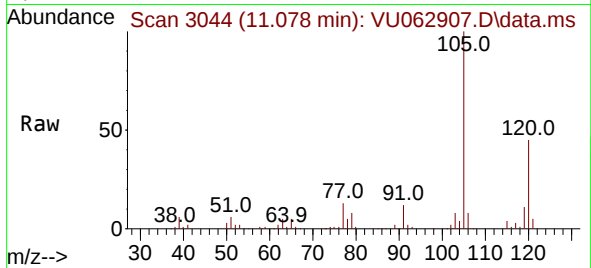




#62
1,3,5-Trimethylbenzene
Concen: 5.357 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

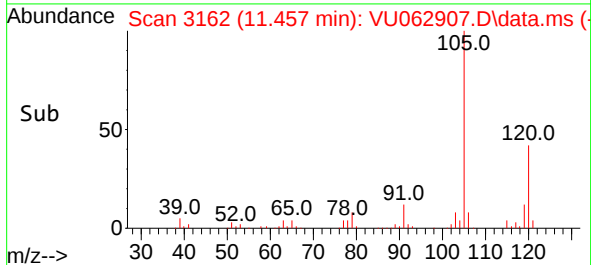
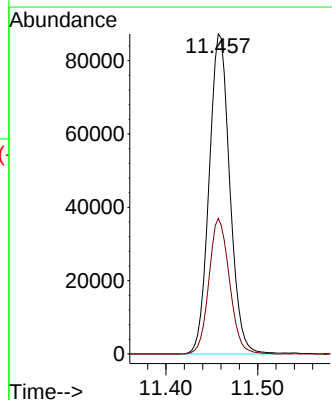
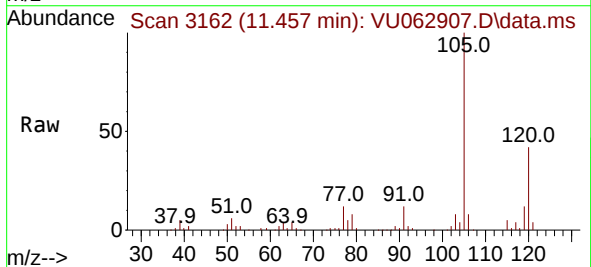
Instrument :
MSVOA_U
ClientSampleId :

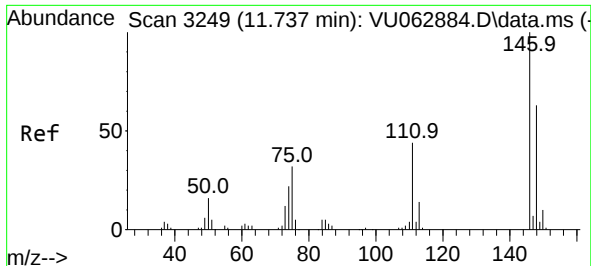
Tgt Ion:105 Resp: 144389
Ion Ratio Lower Upper
105 100
120 44.6 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 5.242 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

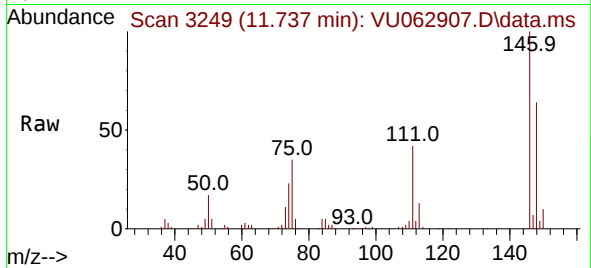
Tgt Ion:105 Resp: 136672
Ion Ratio Lower Upper
105 100
120 42.1 34.2 51.2



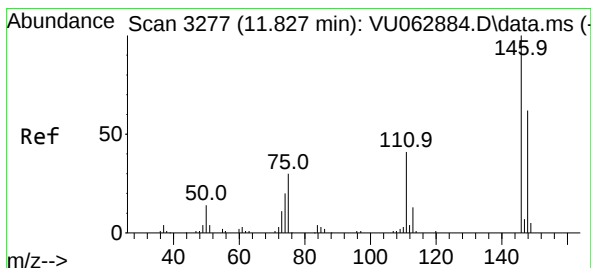
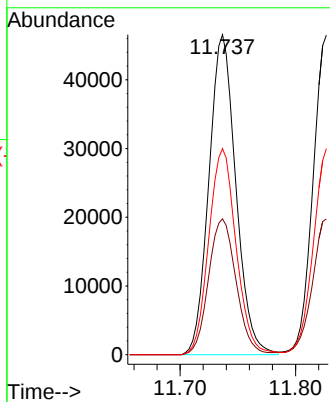
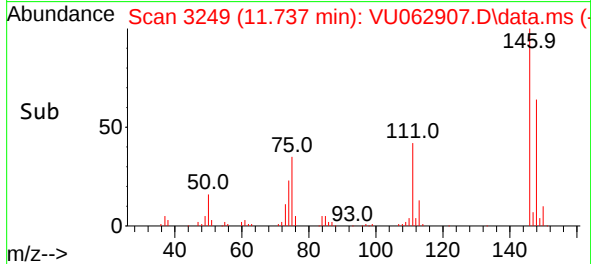


#64
1,3-Dichlorobenzene
Concen: 5.130 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

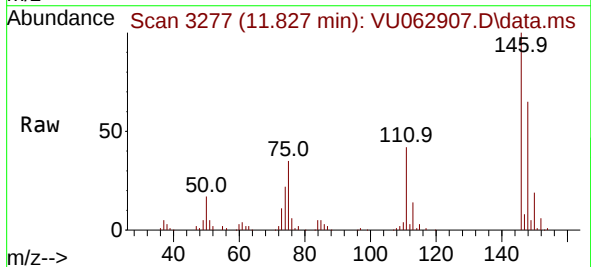
Instrument :
MSVOA_U
ClientSampleId :



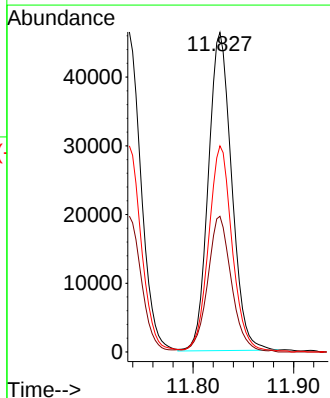
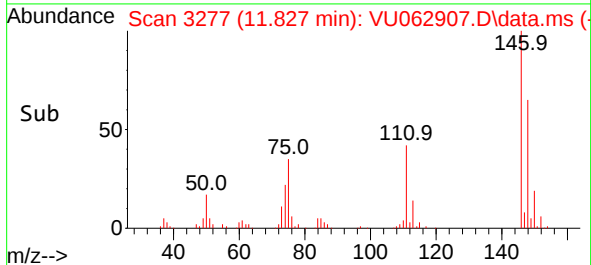
Tgt Ion:146 Resp: 75422
Ion Ratio Lower Upper
146 100
111 42.4 28.6 53.0
148 64.4 44.0 81.6

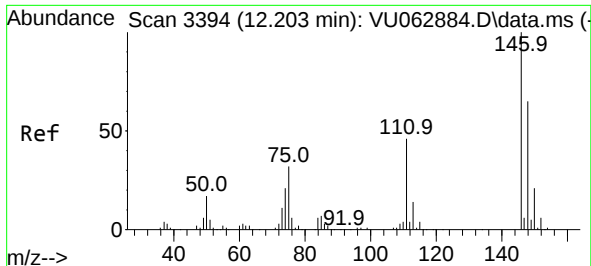


#65
1,4-Dichlorobenzene
Concen: 5.031 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48



Tgt Ion:146 Resp: 74583
Ion Ratio Lower Upper
146 100
111 42.5 29.5 54.9
148 64.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.134 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

Instrument :

MSVOA_U

ClientSampleId :

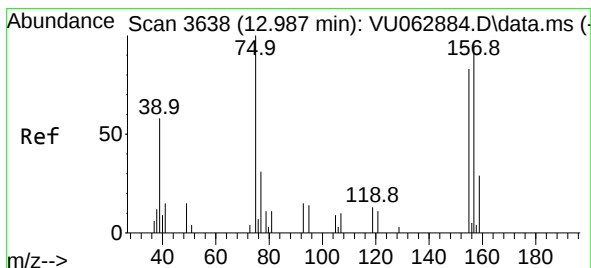
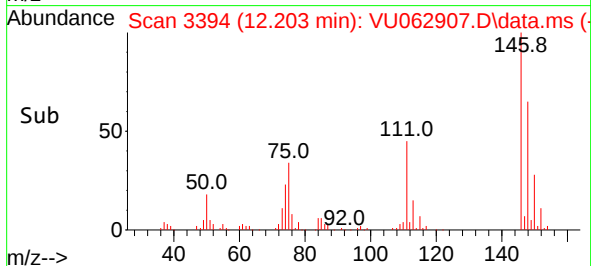
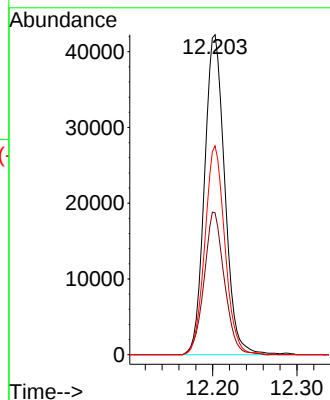
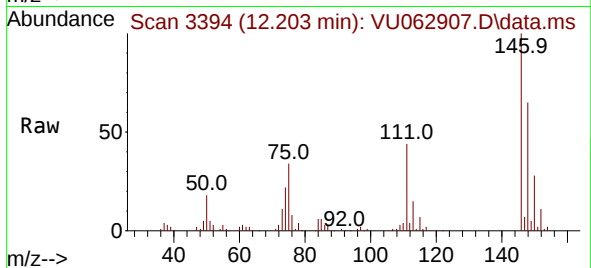
Tgt Ion:146 Resp: 70744

Ion Ratio Lower Upper

146 100

111 44.3 36.3 54.5

148 65.3 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.091 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062907.D

Acq: 20 Jan 2025 09:48

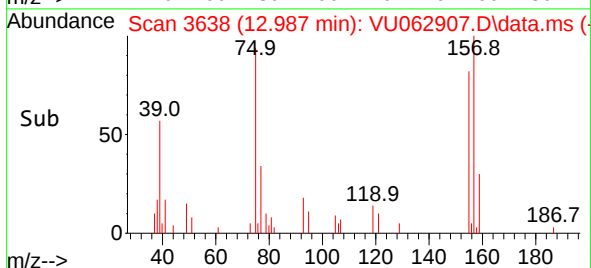
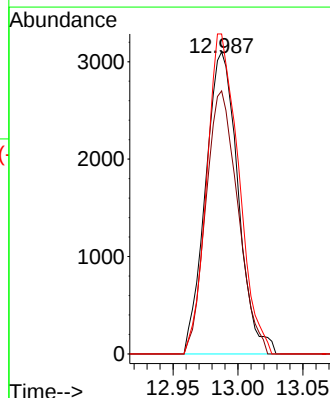
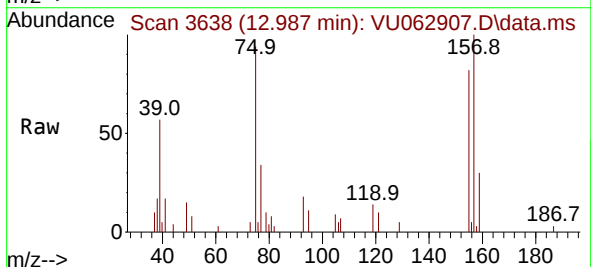
Tgt Ion: 75 Resp: 5383

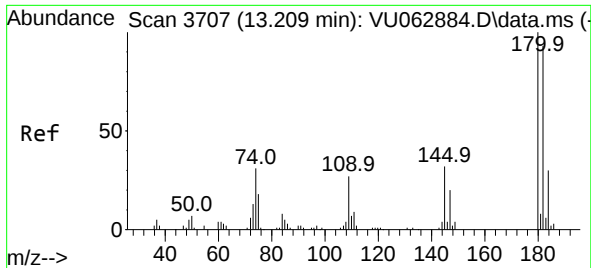
Ion Ratio Lower Upper

75 100

155 87.1 59.6 89.4

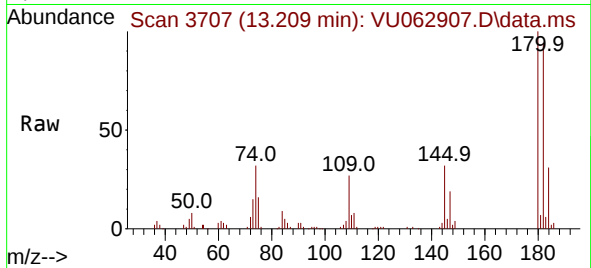
157 105.9 70.8 106.2



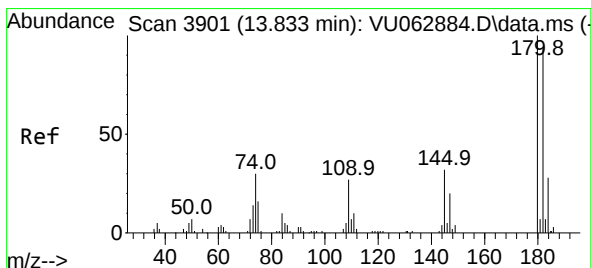
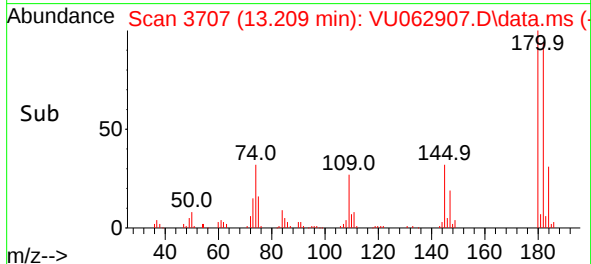
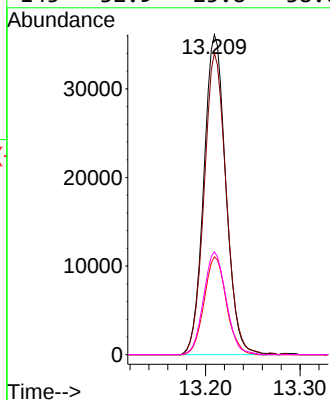


#69
 1,3,5-Trichlorobenzene
 Concen: 5.269 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU062907.D
 Acq: 20 Jan 2025 09:48

Instrument :
 MSVOA_U
 ClientSampleId :

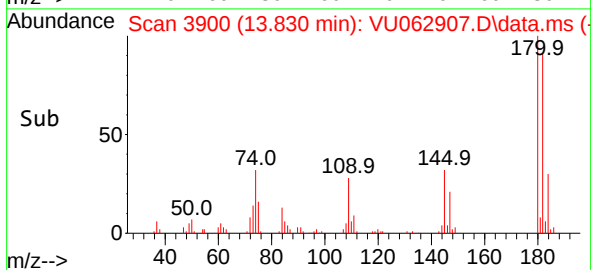
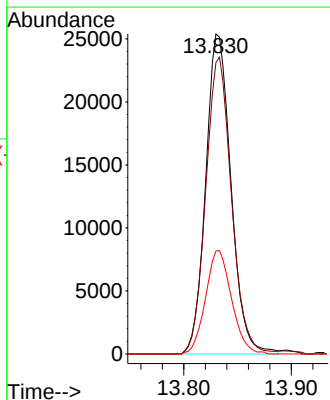
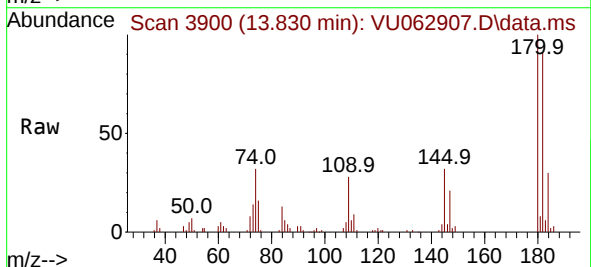


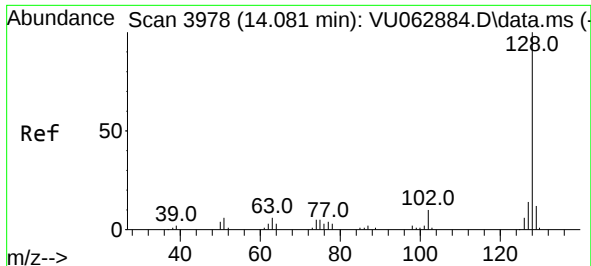
Tgt Ion:180 Resp: 58336
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.8
 184 30.8 24.7 37.1
 145 32.9 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.652 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. -0.003 min
 Lab File: VU062907.D
 Acq: 20 Jan 2025 09:48

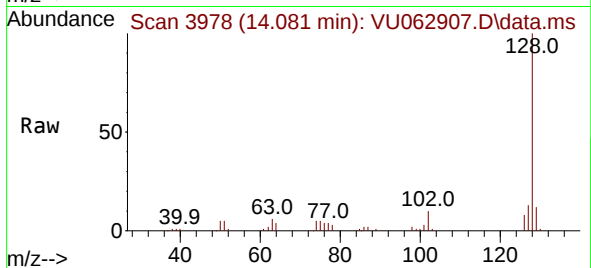
Tgt Ion:180 Resp: 41487
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.1 115.7
 145 33.2 26.9 40.3



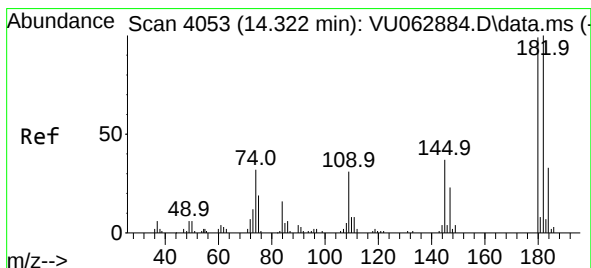
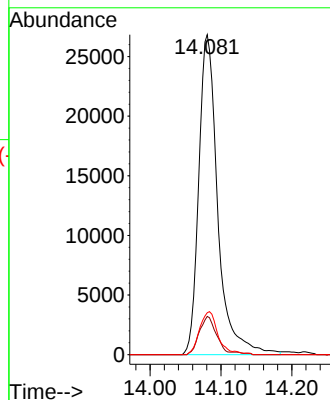
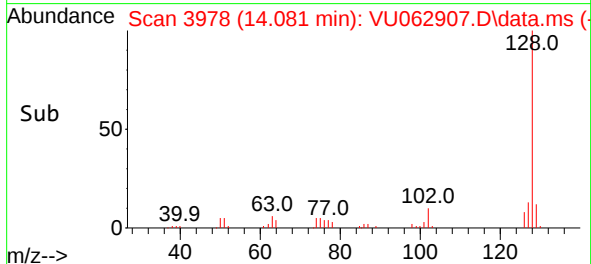


#71
Naphthalene
Concen: 3.830 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48

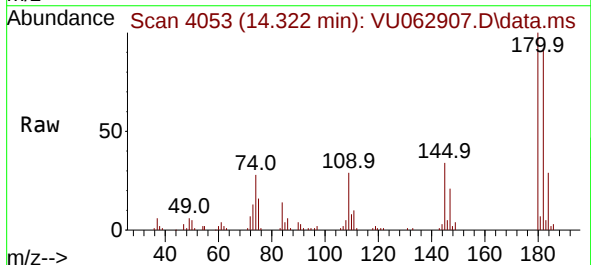
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 49978
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.609 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062907.D
Acq: 20 Jan 2025 09:48



Tgt Ion:180 Resp: 35825
Ion Ratio Lower Upper
180 100
182 95.1 79.8 119.6
145 34.8 29.2 43.8

