

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061908.D
 Acq On : 21 Nov 2024 09:46
 Operator : MD/SY
 Sample : P4875-15MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MSD

Quant Time: Nov 21 11:57:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 03:29:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	177257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	180776	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49521	5.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 114.000%	
7) Chloroethane-d5	1.904	69	40306	5.240	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.800%	
11) 1,1-Dichloroethene-d2	2.557	65	22117	6.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 127.400%#	
20) 2-Butanone-d5	4.615	46	108637	39.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 79.580%	
24) Chloroform-d	5.052	84	102010	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 96.200%	
26) 1,2-Dichloroethane-d4	5.692	65	50420	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 92.400%	
32) Benzene-d6	5.718	84	192374	5.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.200%	
36) 1,2-Dichloropropane-d6	6.679	67	59328	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 99.200%	
41) Toluene-d8	7.888	98	184969	6.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 126.000%	
43) trans-1,3-Dichloroprop...	8.174	79	22252	5.022	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 100.400%	
46) 2-Hexanone-d5	8.624	63	82044	40.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 81.140%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53527	4.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 89.600%	
66) 1,2-Dichlorobenzene-d4	12.184	152	57605	4.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 96.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	76856	4.956	ug/L	95
3) Chloromethane	1.515	50	77219	4.831	ug/L	99
5) Vinyl chloride	1.599	62	77928	4.745	ug/L	96
6) Bromomethane	1.846	94	46505	4.757	ug/L	97
8) Chloroethane	1.927	64	48106	4.543	ug/L	99
9) Trichlorofluoromethane	2.132	101	101310	4.877	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60675	4.747	ug/L	99
12) 1,1-Dichloroethene	2.573	96	57989	4.878	ug/L	96
13) Acetone	2.621	43	90795	48.164	ug/L	95
14) Carbon disulfide	2.785	76	176497	4.668	ug/L	99
15) Methyl Acetate	2.946	43	17214	3.556	ug/L	99
16) Methylene chloride	3.036	84	66737	4.676	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	149371	4.903	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	62292	4.957	ug/L	94
19) 1,1-Dichloroethane	3.856	63	120726	4.932	ug/L	97
21) 2-Butanone	4.692	43	149037	48.917	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	69617	4.923	ug/L	99
23) Bromochloromethane	4.962	128	31191	5.074	ug/L	92
25) Chloroform	5.074	83	127216	4.972	ug/L	98

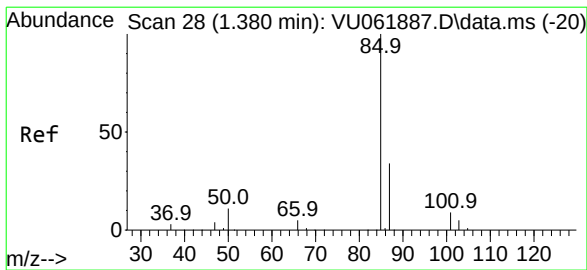
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	81244	4.936	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	103750	4.979	ug/L	99
30) Cyclohexane	5.377	56	104915	4.814	ug/L	99
31) Carbon tetrachloride	5.515	117	88690	5.013	ug/L	100
33) Benzene	5.763	78	275718	5.050	ug/L	100
34) Trichloroethene	6.531	95	72057	4.945	ug/L	98
35) Methylcyclohexane	6.753	83	105837	4.748	ug/L	100
37) 1,2-Dichloropropane	6.779	63	73061	5.151	ug/L	99
38) Bromodichloromethane	7.094	83	84334	4.903	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	98892	4.973	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	408714	53.406	ug/L	99
42) Toluene	7.959	91	302363	5.278	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	79502	5.034	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	54777	5.242	ug/L	99
47) Tetrachloroethene	8.544	164	54620	5.154	ug/L	95
48) 2-Hexanone	8.672	43	295718	51.596	ug/L	99
49) Dibromochloromethane	8.798	129	57123	5.175	ug/L	99
50) 1,2-Dibromoethane	8.914	107	51776	4.992	ug/L	98
51) Chlorobenzene	9.438	112	191733	4.886	ug/L	99
52) Ethylbenzene	9.560	91	335070	4.887	ug/L	100
53) m,p-Xylene	9.685	106	126590	5.232	ug/L	98
54) o-Xylene	10.090	106	125089	5.123	ug/L	95
55) Styrene	10.106	104	202941	5.044	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	71862	5.367	ug/L	97
59) Bromoform	10.280	173	31646	5.280	ug/L	100
60) Isopropylbenzene	10.473	105	333464	5.305	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	49337	5.294	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	269050	5.365	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	266786	5.336	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	147374	5.281	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	130703	4.839	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	123037	5.070	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	8482	5.333	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	88001	5.300	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	71628	5.629	ug/L	98
71) Naphthalene	14.081	128	117423	5.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65224	5.951	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 4.956 ug/L

RT: 1.380 min Scan# 28

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

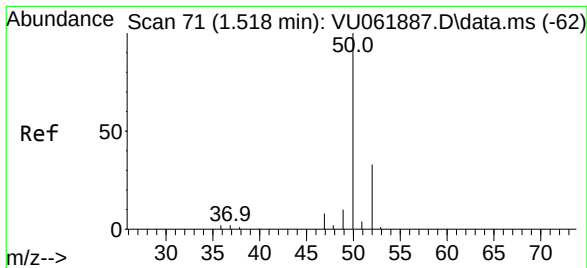
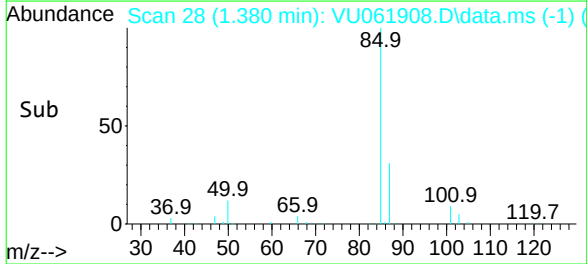
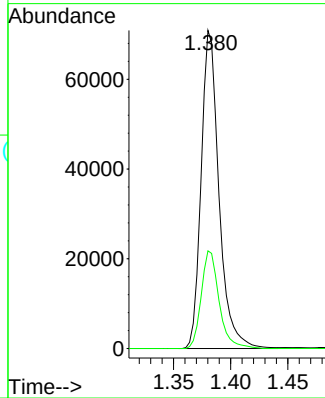
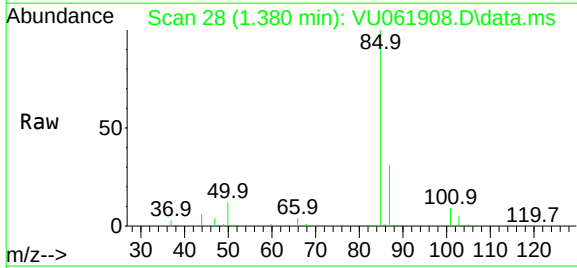
E2A01MSD

Tgt Ion: 85 Resp: 76856

Ion Ratio Lower Upper

85 100

87 30.7 26.6 40.0



#3

Chloromethane

Concen: 4.831 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU061908.D

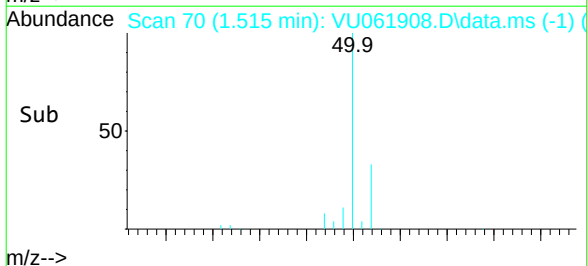
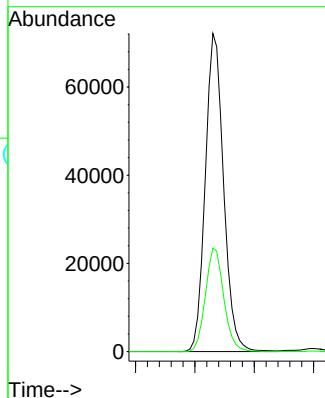
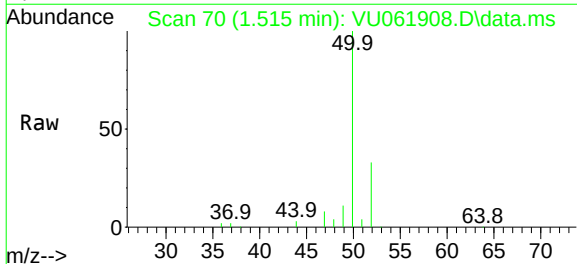
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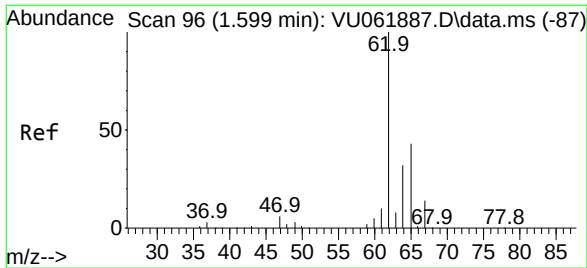
Tgt Ion: 50 Resp: 77219

Ion Ratio Lower Upper

50 100

52 32.6 23.1 42.9

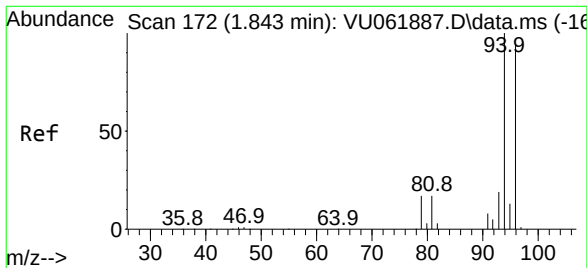
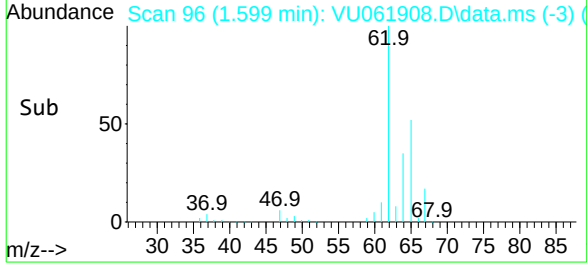
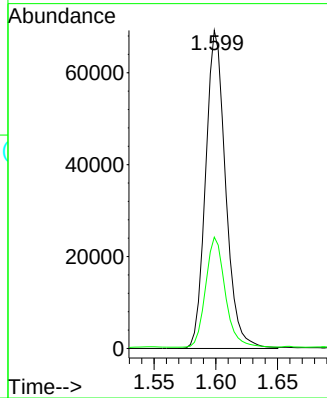
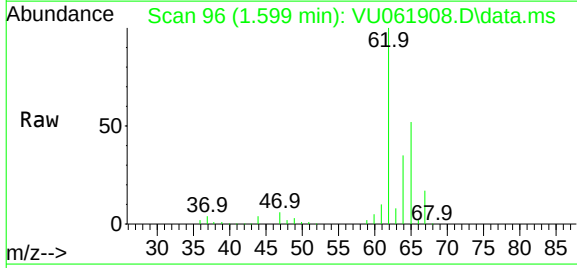




#5
 Vinyl chloride
 Concen: 4.745 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

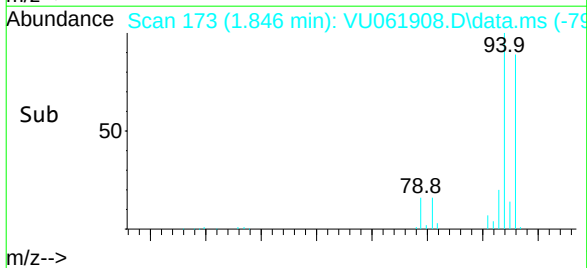
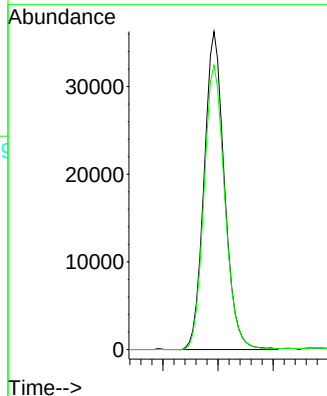
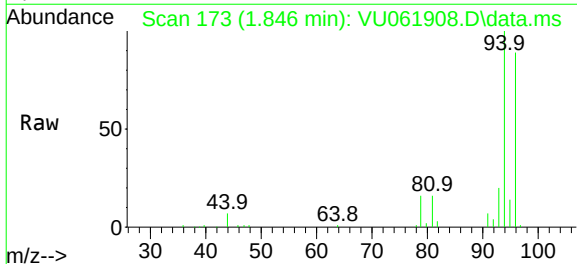
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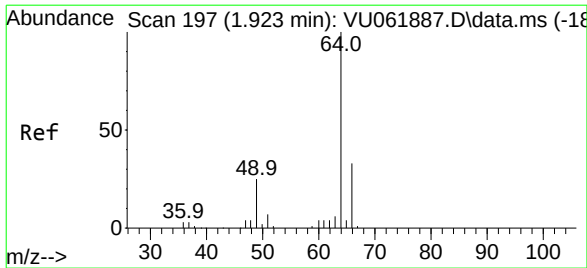
Tgt Ion: 62 Resp: 77928
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.1 42.9



#6
 Bromomethane
 Concen: 4.757 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

Tgt Ion: 94 Resp: 46505
 Ion Ratio Lower Upper
 94 100
 96 89.5 64.5 119.9

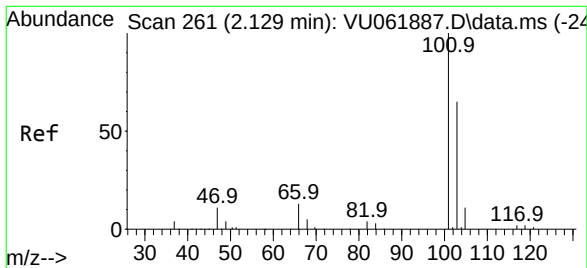
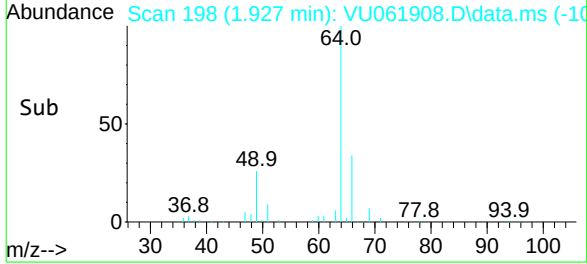
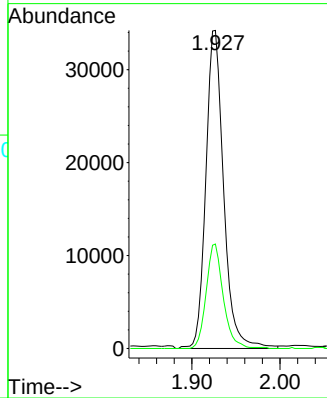
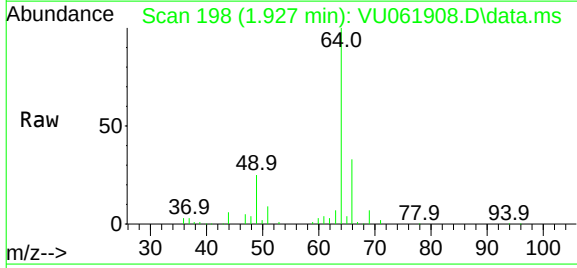




#8
Chloroethane
Concen: 4.543 ug/L
RT: 1.927 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

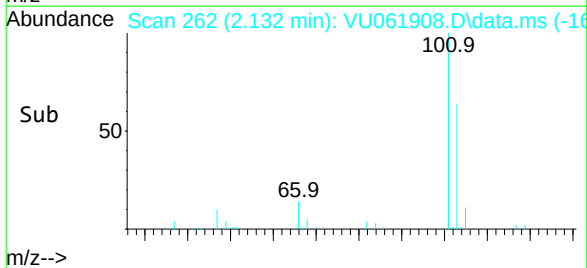
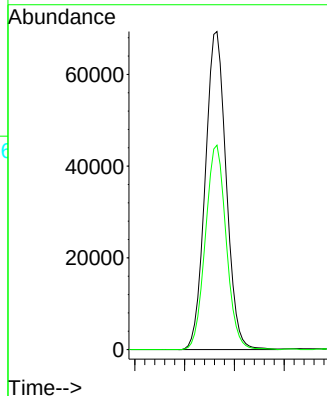
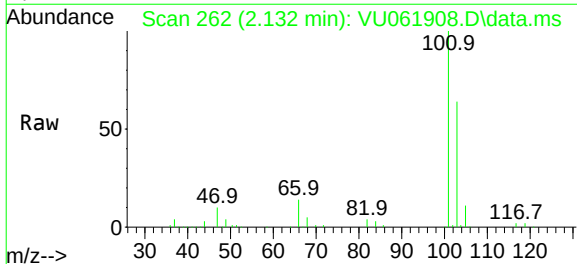
Instrument :
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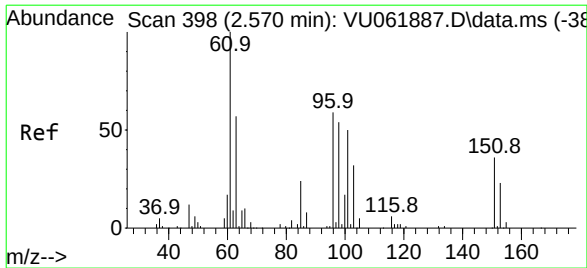
Tgt Ion: 64 Resp: 48106
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.877 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion:101 Resp: 101310
Ion Ratio Lower Upper
101 100
103 63.9 50.6 75.8

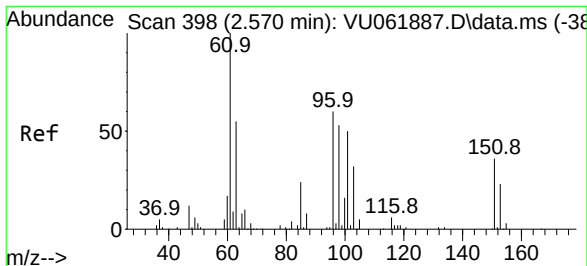
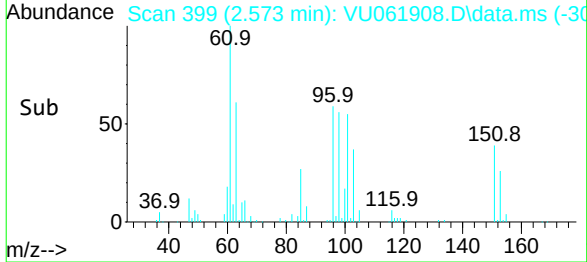
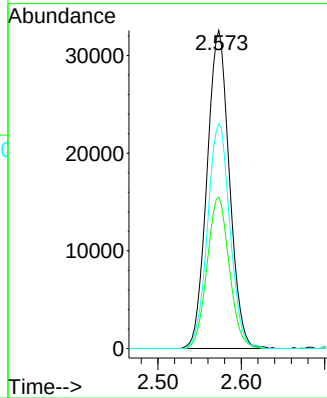
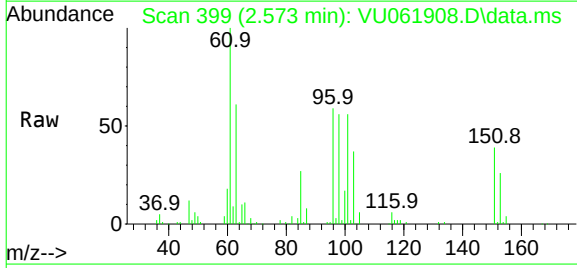




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.747 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

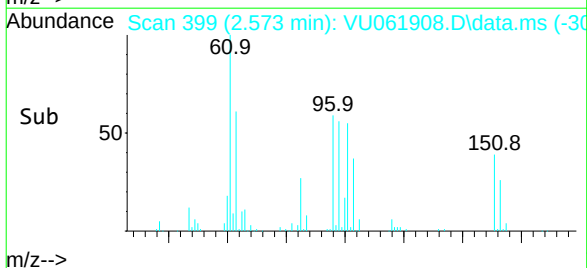
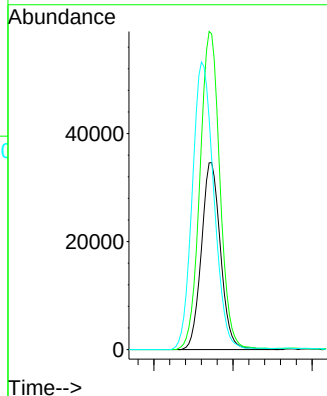
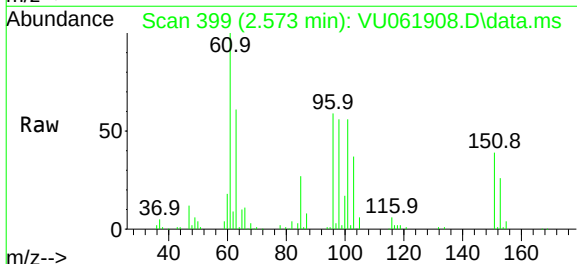
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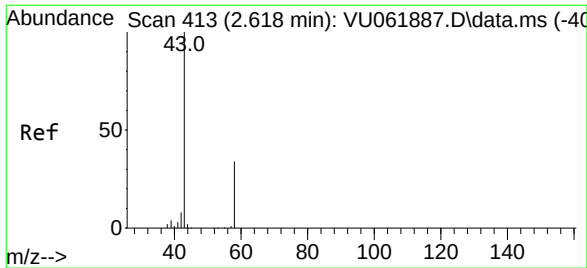
Tgt Ion: 101 Resp: 60675
Ion Ratio Lower Upper
101 100
85 47.2 38.0 57.0
151 70.9 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.878 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion: 96 Resp: 57989
Ion Ratio Lower Upper
96 100
61 168.8 119.6 222.2
63 102.2 65.0 120.6





#13

Acetone

Concen: 48.164 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

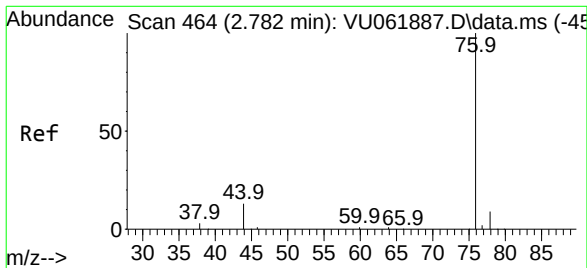
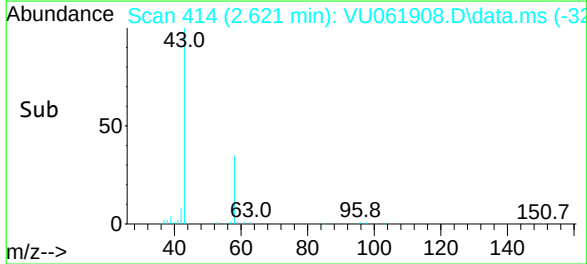
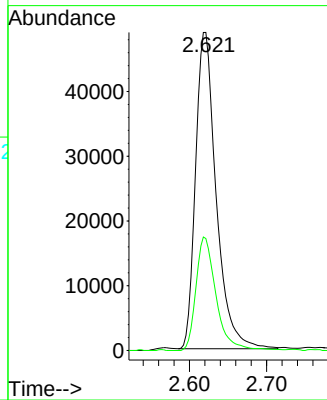
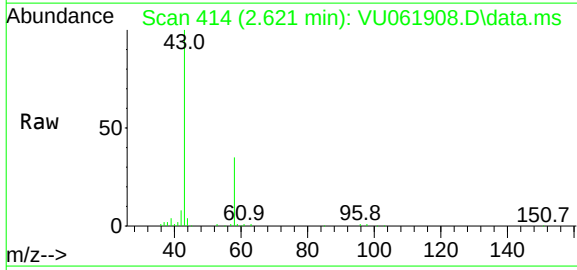
E2A01MSD

Tgt Ion: 43 Resp: 90795

Ion Ratio Lower Upper

43 100

58 35.0 0.0 64.0



#14

Carbon disulfide

Concen: 4.668 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU061908.D

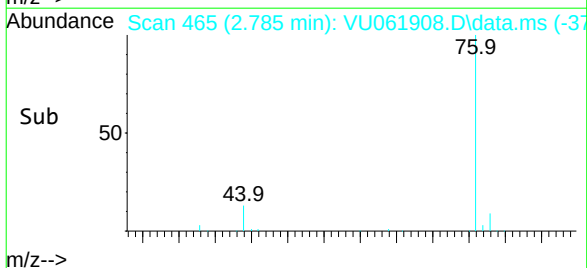
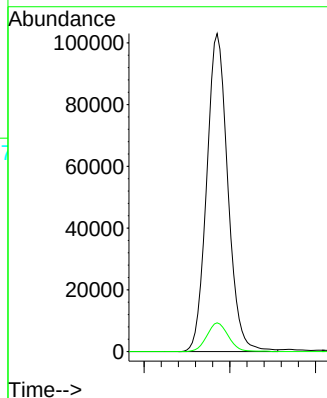
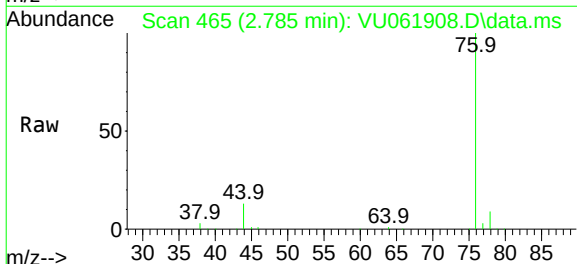
Acq: 21 Nov 2024 09:46

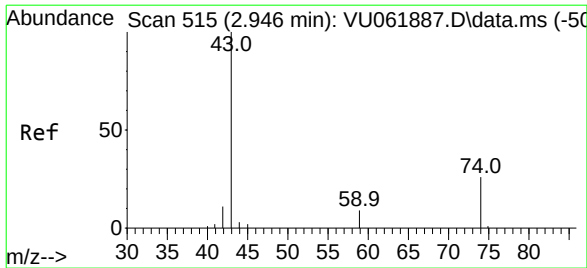
Tgt Ion: 76 Resp: 176497

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

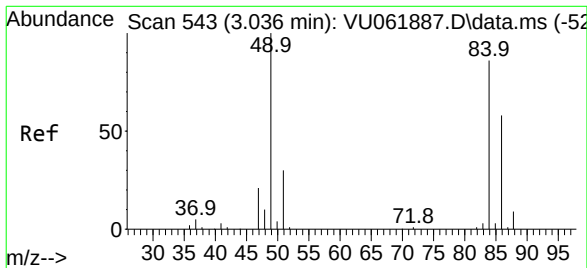
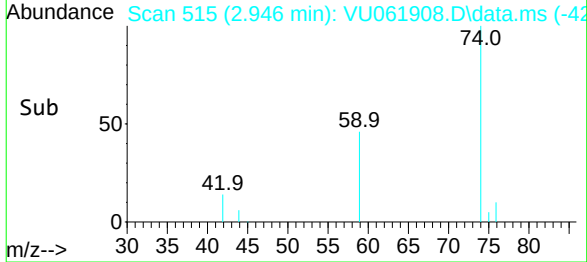
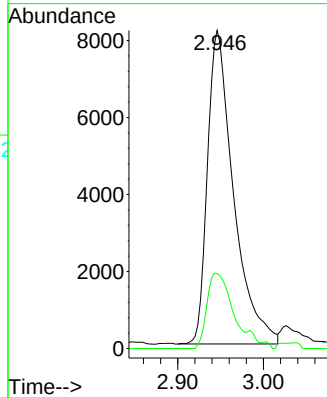
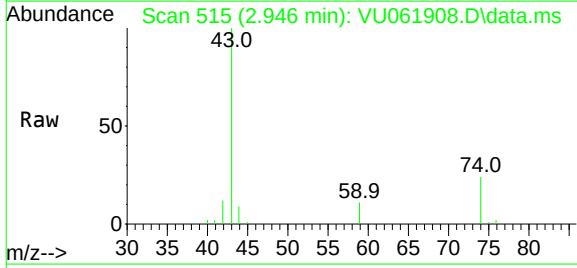




#15
Methyl Acetate
Concen: 3.556 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

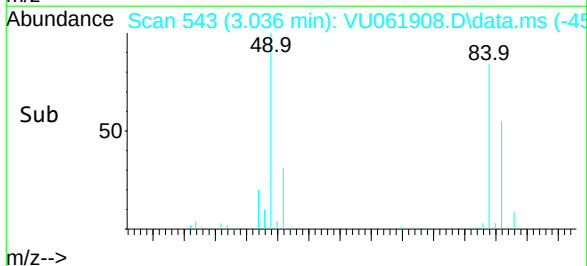
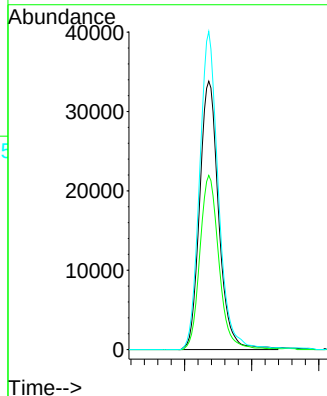
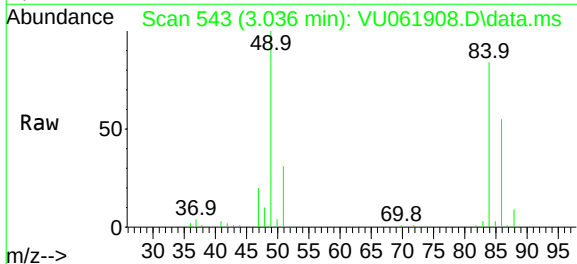
Instrument :
MSVOA_U
ClientSampleId :
E2A01MSD

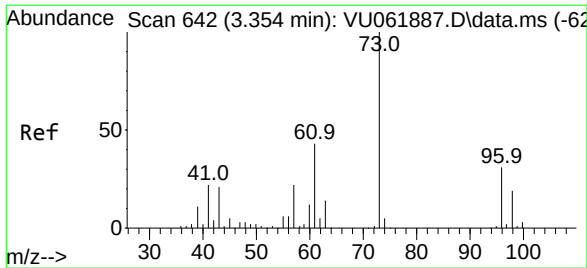
Tgt Ion: 43 Resp: 17214
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2



#16
Methylene chloride
Concen: 4.676 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion: 84 Resp: 66737
Ion Ratio Lower Upper
84 100
86 64.9 43.5 80.7
49 118.5 81.9 152.1

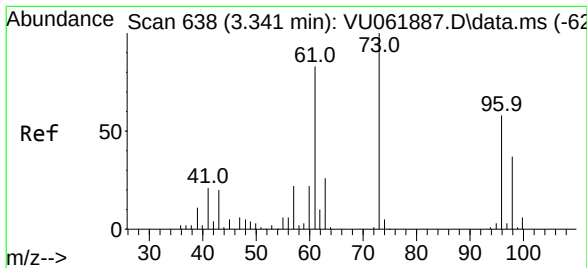
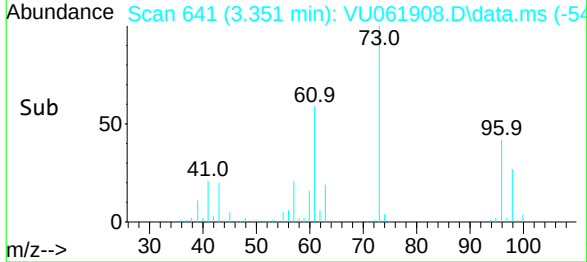
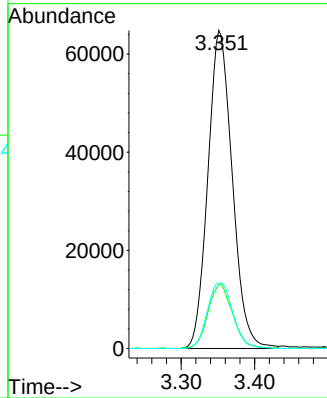
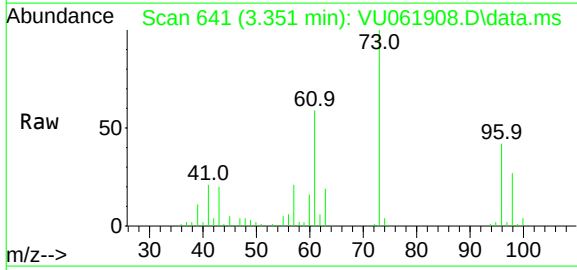




#17
Methyl tert-butyl Ether
Concen: 4.903 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

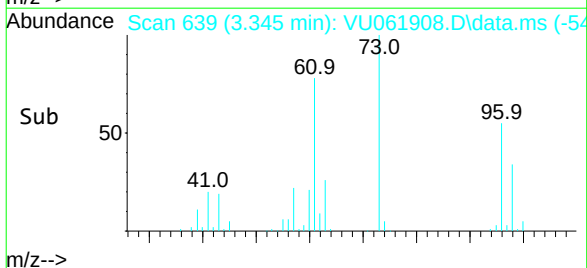
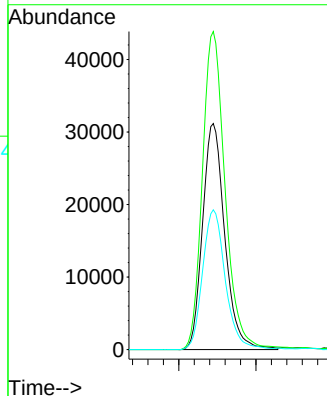
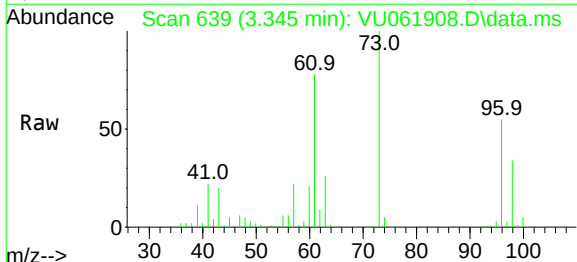
Instrument :
MSVOA_U
ClientSampleId :
E2A01MSD

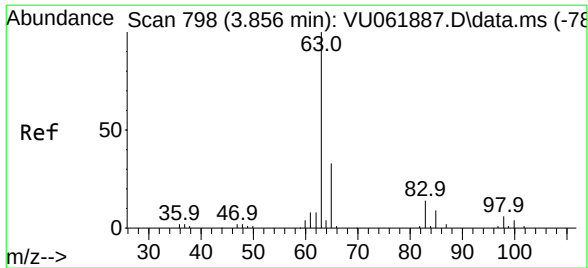
Tgt Ion: 73 Resp: 149371
Ion Ratio Lower Upper
73 100
43 20.5 16.3 24.5
57 21.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.957 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion: 96 Resp: 62292
Ion Ratio Lower Upper
96 100
61 140.7 104.2 193.4
98 61.8 45.7 84.9

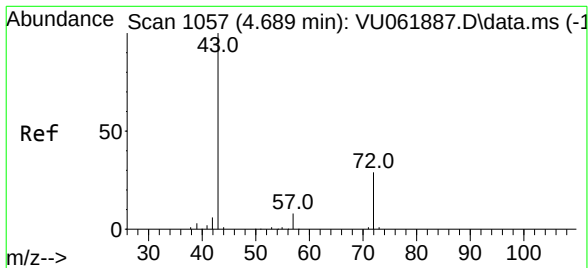
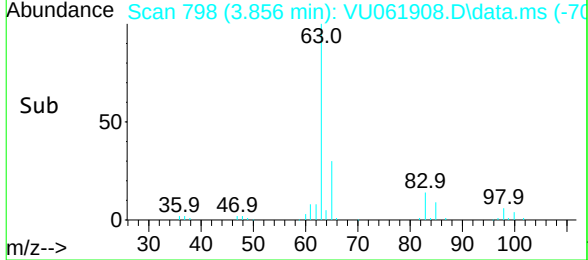
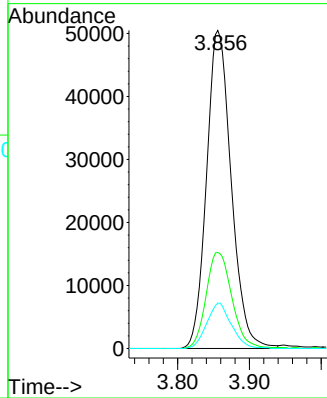
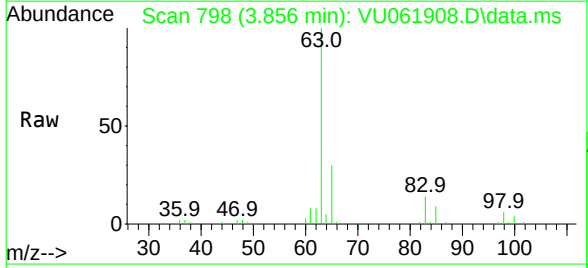




#19
1,1-Dichloroethane
Concen: 4.932 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

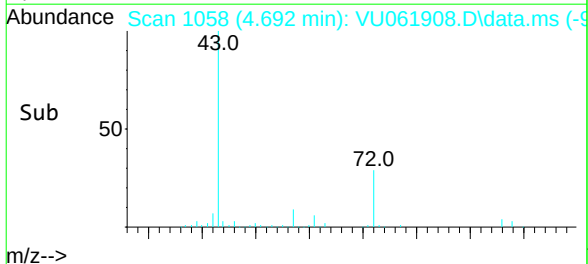
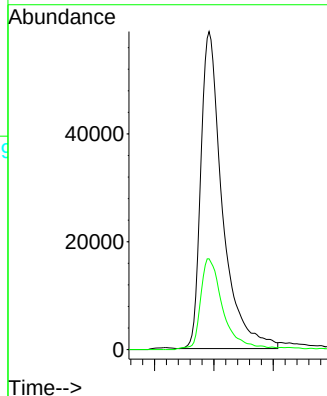
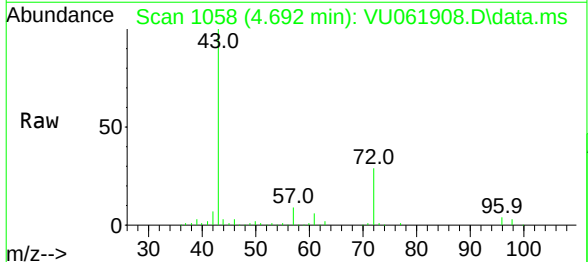
Instrument :
MSVOA_U
ClientSampleId :
E2A01MSD

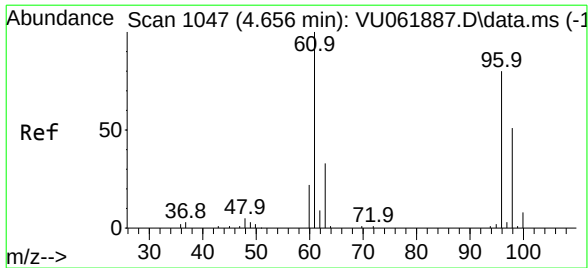
Tgt Ion: 63 Resp: 120726
Ion Ratio Lower Upper
63 100
65 30.2 22.7 42.3
83 14.3 9.9 18.3



#21
2-Butanone
Concen: 48.917 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion: 43 Resp: 149037
Ion Ratio Lower Upper
43 100
72 29.5 14.8 44.4

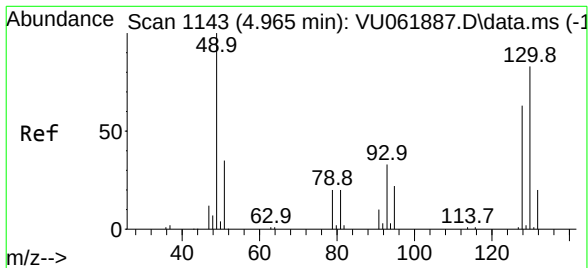
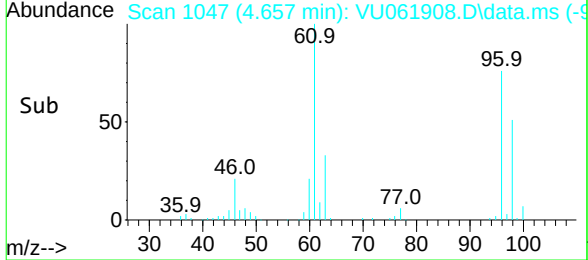
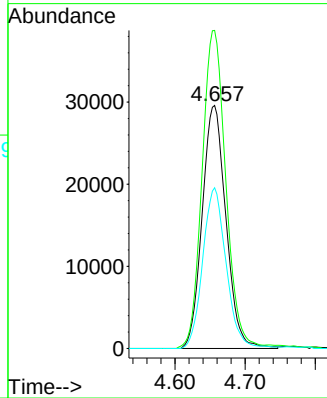
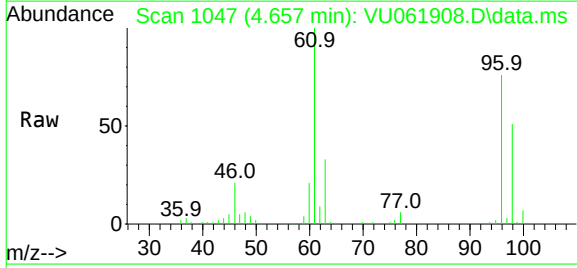




#22
 cis-1,2-Dichloroethene
 Concen: 4.923 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

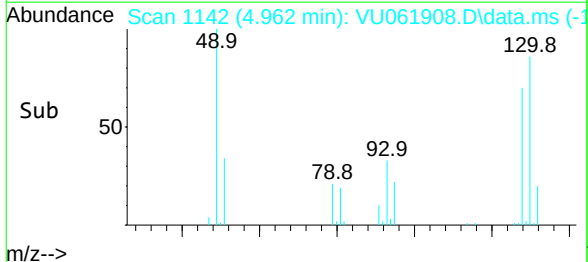
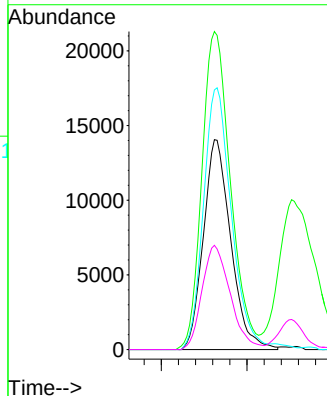
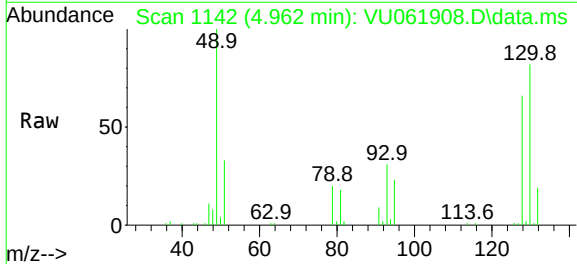
Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MSD

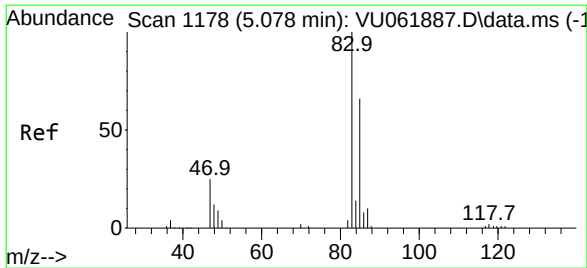
Tgt Ion:	96	Resp:	69617
Ion	Ratio	Lower	Upper
96	100		
61	130.9	92.0	170.8
98	66.1	44.5	82.7



#23
 Bromochloromethane
 Concen: 5.074 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

Tgt Ion:	128	Resp:	31191
Ion	Ratio	Lower	Upper
128	100		
49	151.5	115.3	214.1
130	123.7	92.0	170.8
51	49.7	44.7	67.1





#25

Chloroform

Concen: 4.972 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

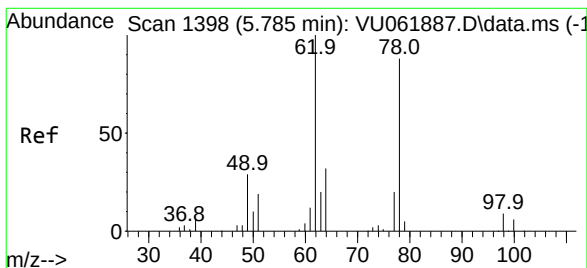
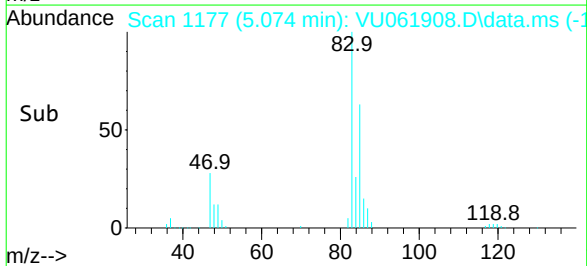
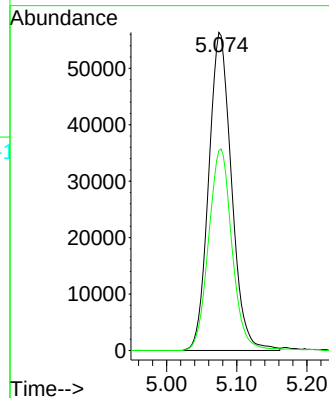
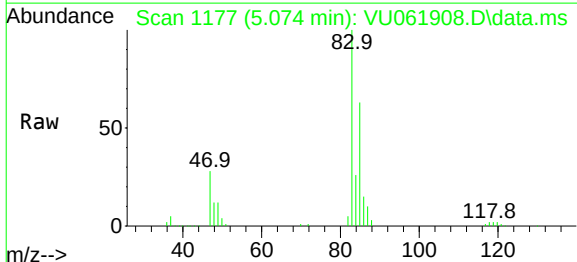
E2A01MSD

Tgt Ion: 83 Resp: 127216

Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.936 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU061908.D

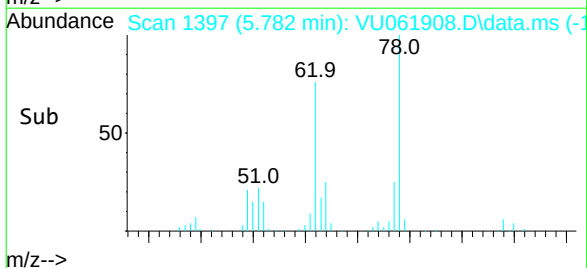
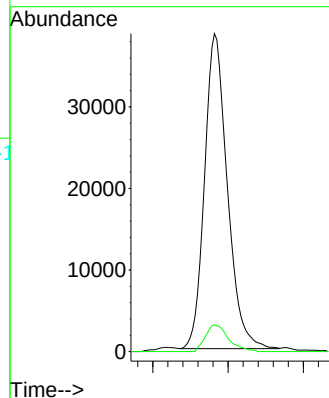
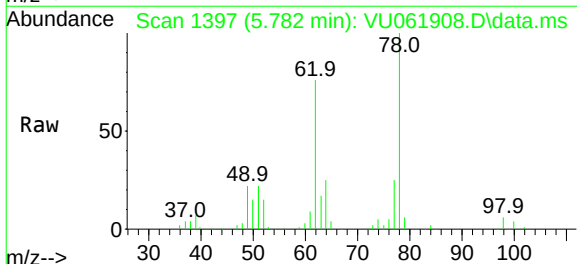
Acq: 21 Nov 2024 09:46

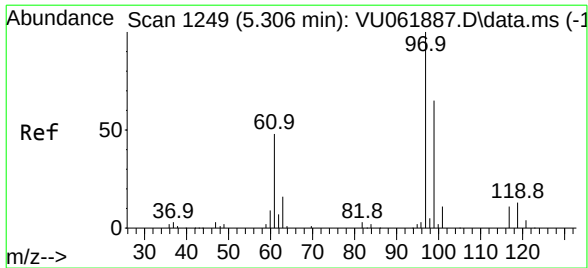
Tgt Ion: 62 Resp: 81244

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.0

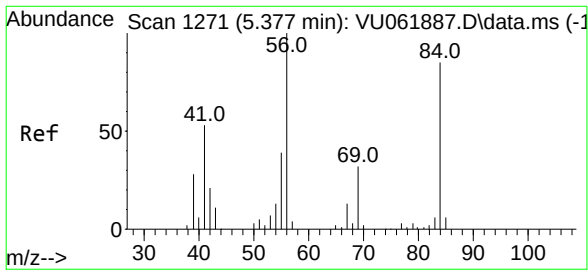
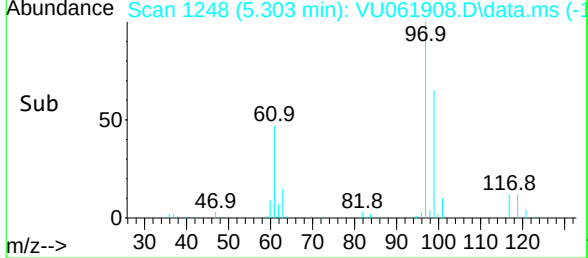
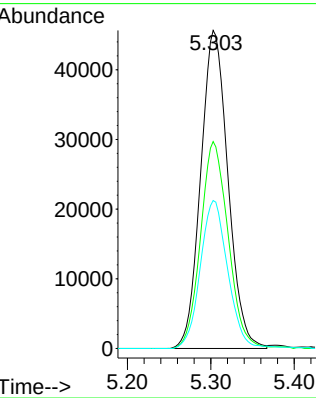
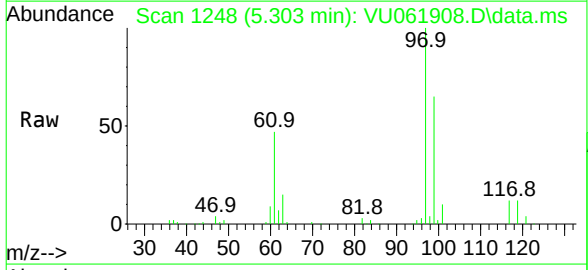




#29
 1,1,1-Trichloroethane
 Concen: 4.979 ug/L
 RT: 5.303 min Scan# 1218
 Delta R.T. -0.003 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

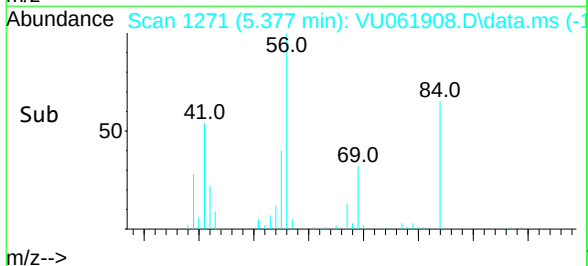
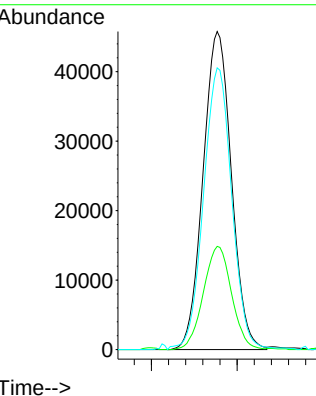
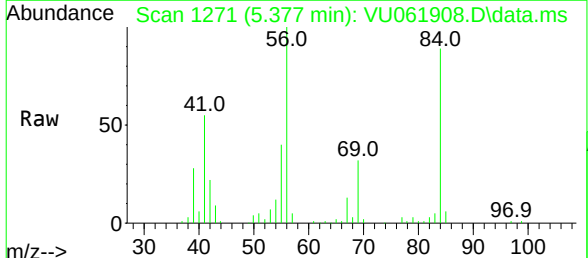
Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MSD

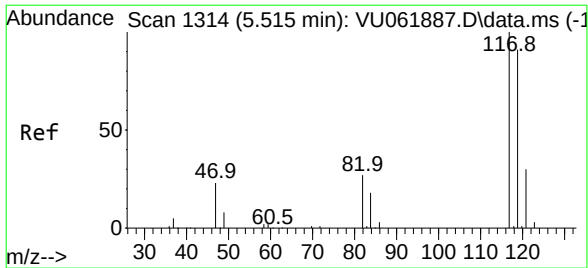
Tgt Ion:	97	Resp:	103750
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.4	77.2
61	46.8	37.8	56.6



#30
 Cyclohexane
 Concen: 4.814 ug/L
 RT: 5.377 min Scan# 1271
 Delta R.T. 0.000 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

Tgt Ion:	56	Resp:	104915
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.1	37.7
84	88.4	70.6	105.8

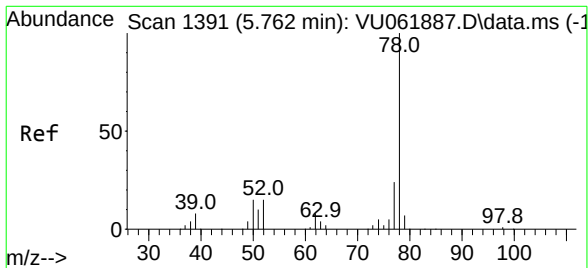
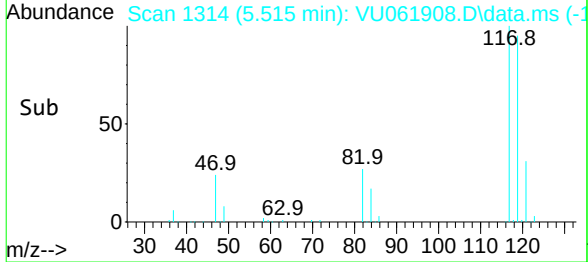
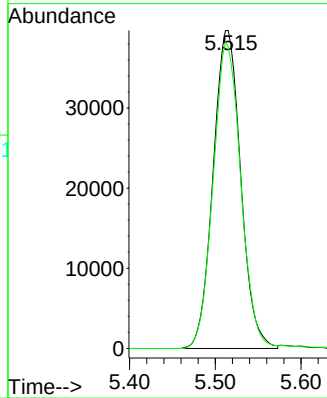
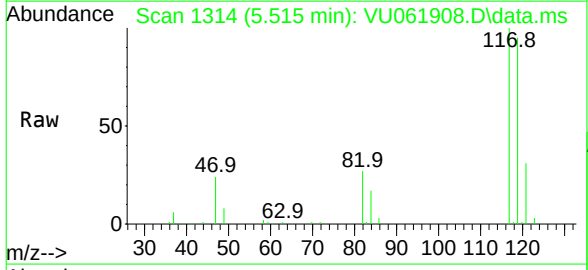




#31
Carbon tetrachloride
Concen: 5.013 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

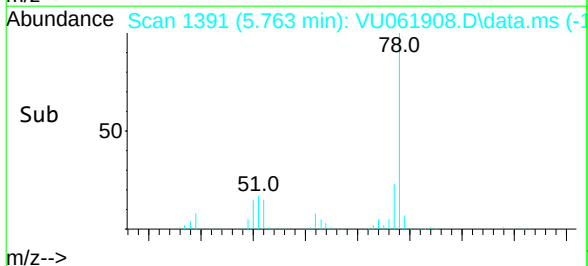
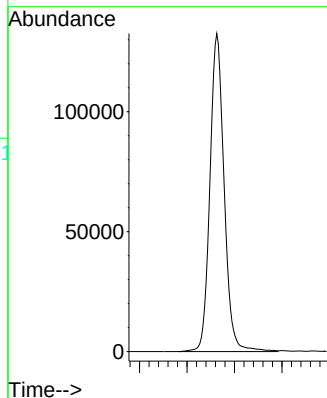
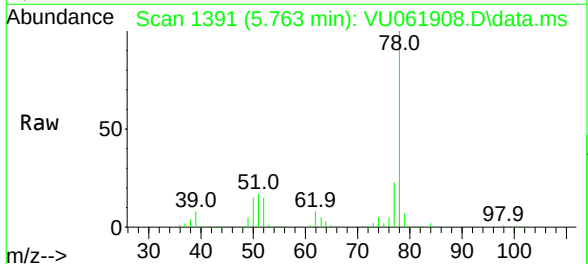
Instrument :
MSVOA_U
ClientSampleId :
E2A01MSD

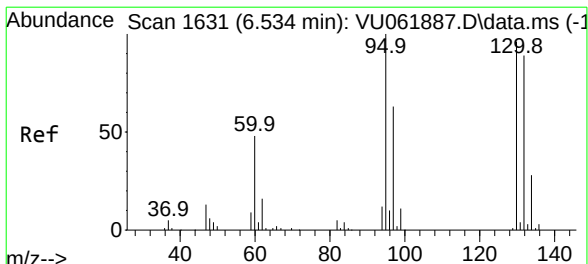
Tgt Ion: 117 Resp: 88690
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3



#33
Benzene
Concen: 5.050 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion: 78 Resp: 275718

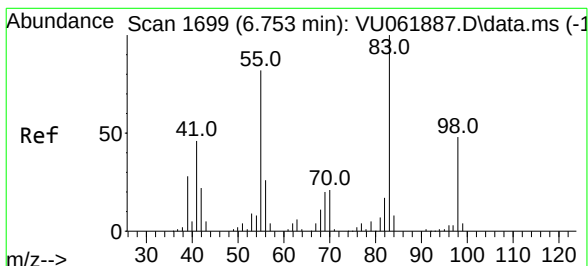
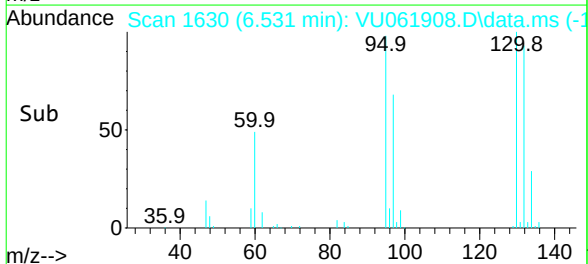
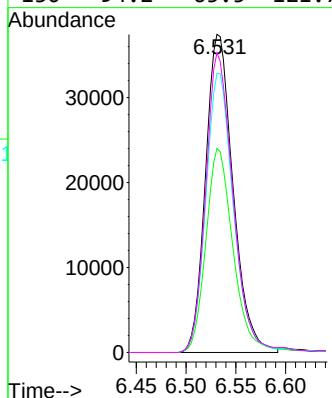
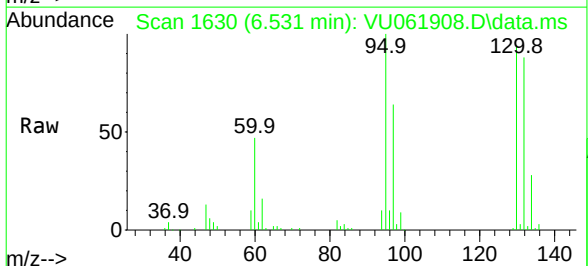




#34
 Trichloroethene
 Concen: 4.945 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.003 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

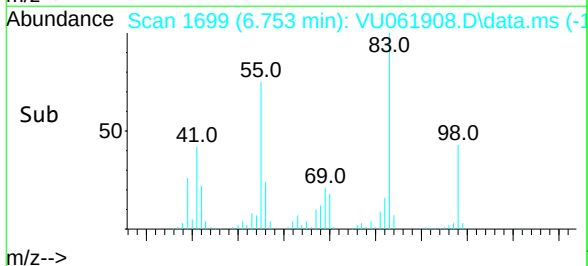
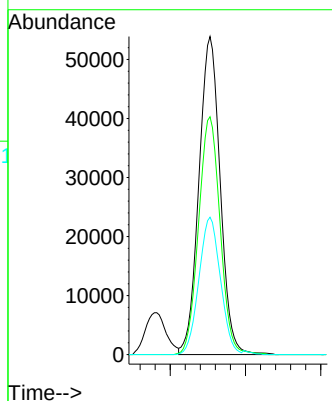
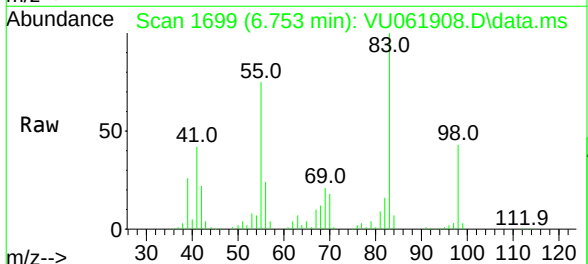
Instrument : MSVOA_U
 ClientSampleId : E2A01MSD

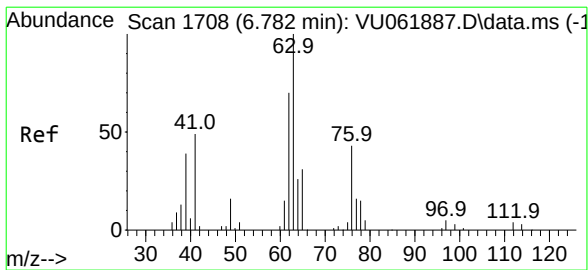
Tgt Ion:	95	Resp:	72057
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.9	85.3
132	87.7	63.8	118.4
130	94.2	65.5	121.7



#35
 Methylcyclohexane
 Concen: 4.748 ug/L
 RT: 6.753 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

Tgt Ion:	83	Resp:	105837
Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.7	91.1
98	43.6	34.8	52.2

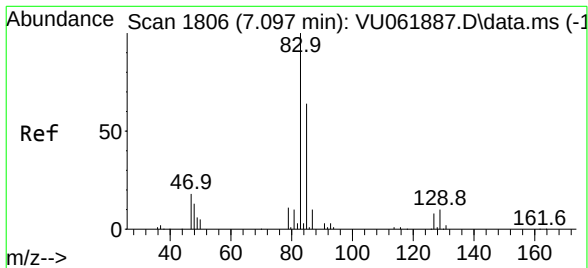
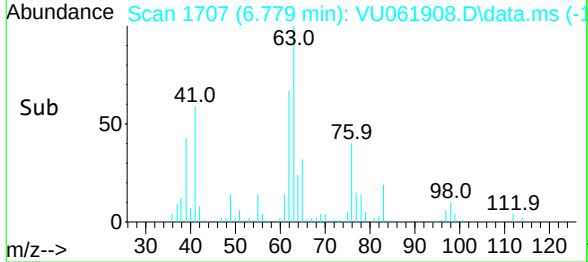
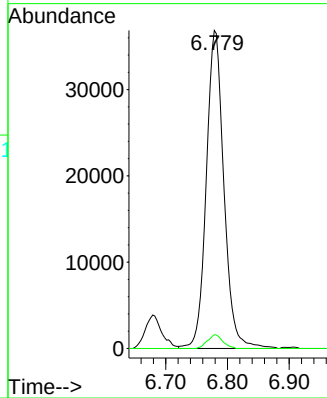
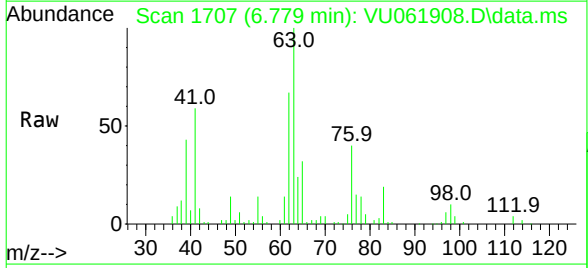




#37
1,2-Dichloropropane
Concen: 5.151 ug/L
RT: 6.779 min Scan# 17
Delta R.T. -0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

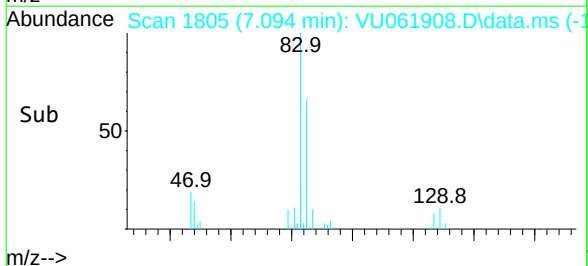
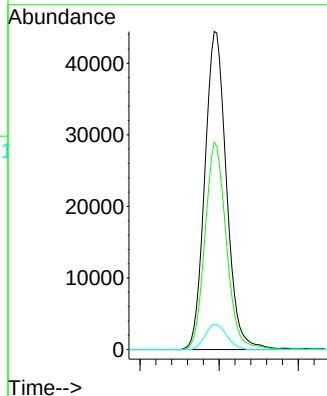
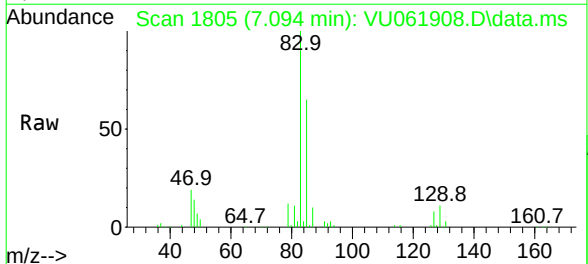
Instrument :
MSVOA_U
ClientSampleId :
E2A01MSD

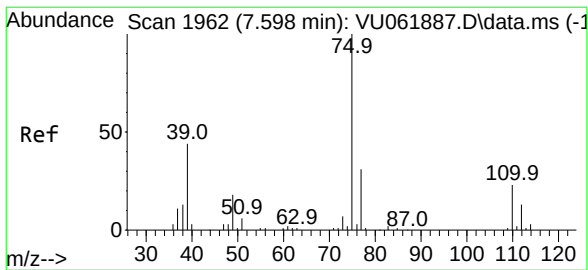
Tgt Ion: 63 Resp: 73061
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 4.903 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion: 83 Resp: 84334
Ion Ratio Lower Upper
83 100
85 65.2 44.1 81.9
127 8.0 6.9 10.3

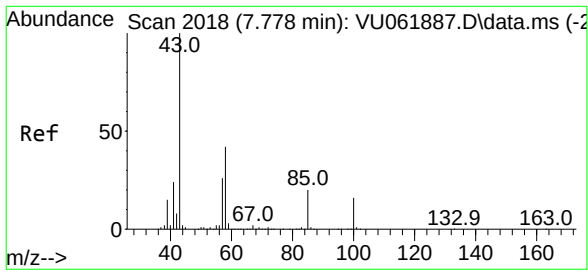
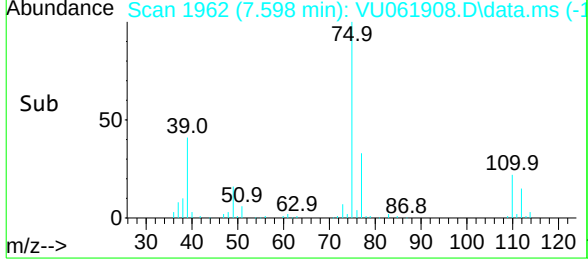
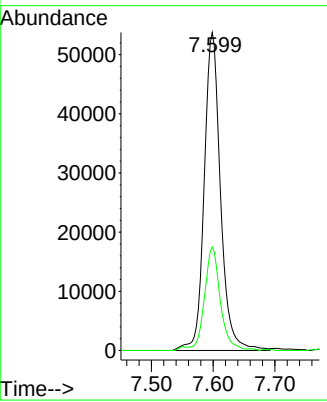
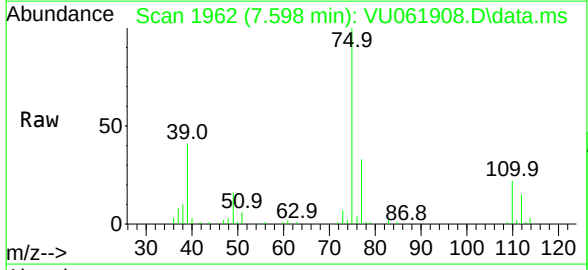




#39
 cis-1,3-Dichloropropene
 Concen: 4.973 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

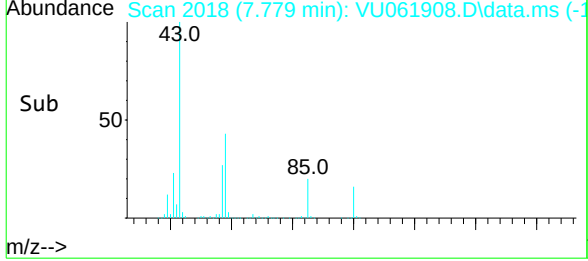
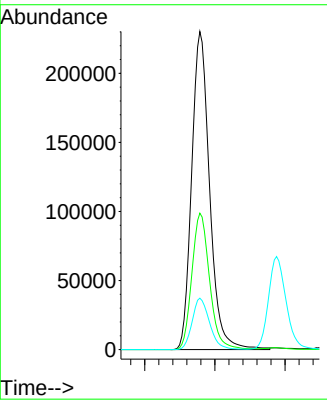
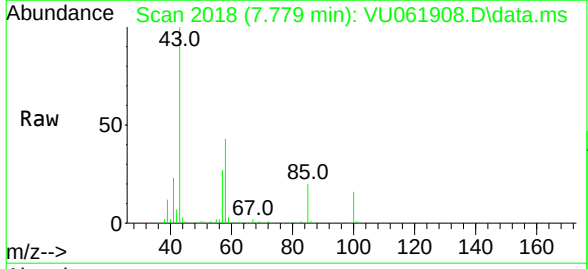
Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MSD

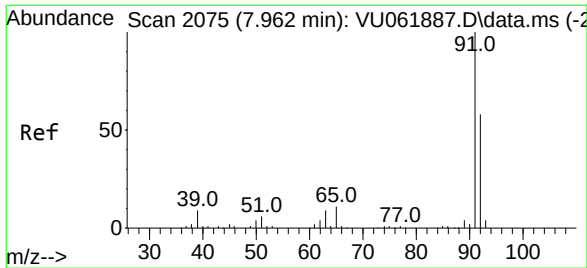
Tgt Ion:	75	Resp:	98892
Ion Ratio	Lower	Upper	
75	100		
77	32.6	22.3	41.3



#40
 4-Methyl-2-pentanone
 Concen: 53.406 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

Tgt Ion:	43	Resp:	408714
Ion Ratio	Lower	Upper	
43	100		
58	42.2	33.3	49.9
100	15.7	12.4	18.6





#42

Toluene

Concen: 5.278 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

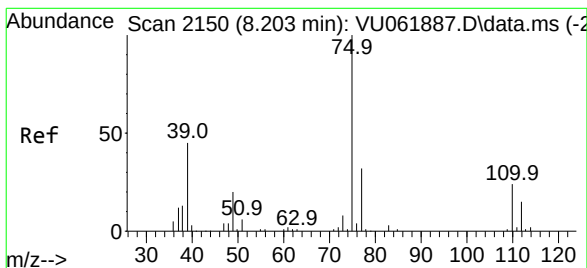
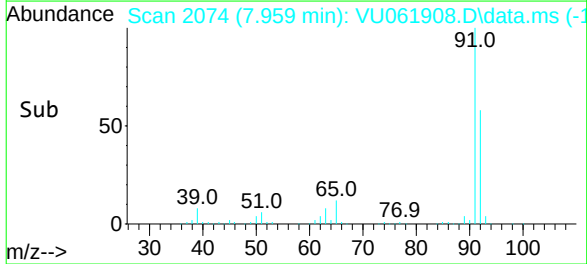
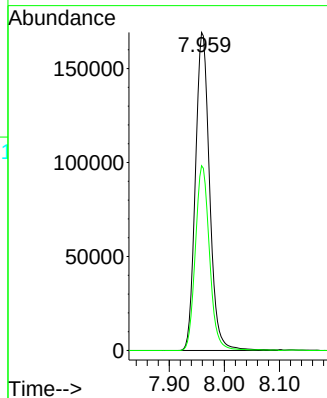
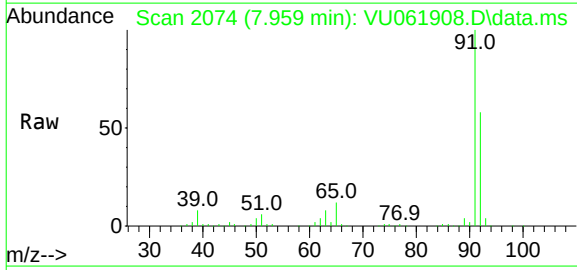
E2A01MSD

Tgt Ion: 91 Resp: 302363

Ion Ratio Lower Upper

91 100

92 58.1 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.034 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU061908.D

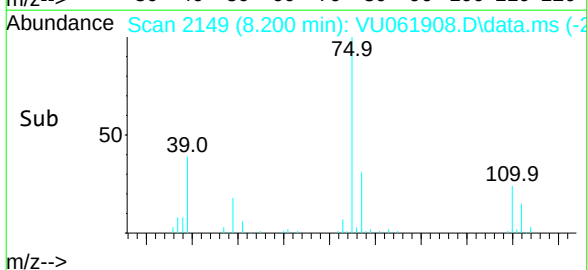
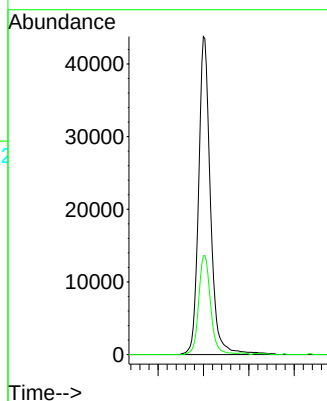
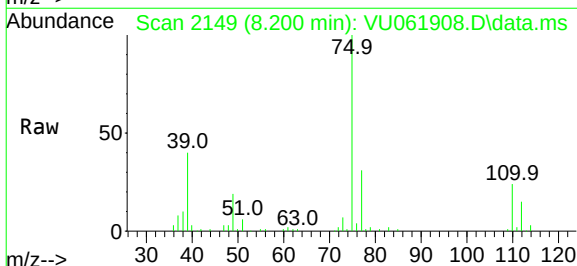
Acq: 21 Nov 2024 09:46

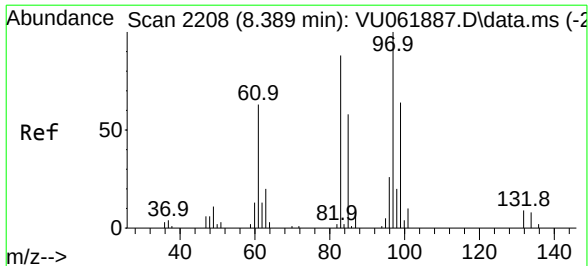
Tgt Ion: 75 Resp: 79502

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4

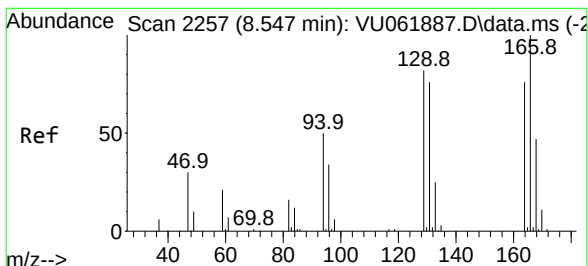
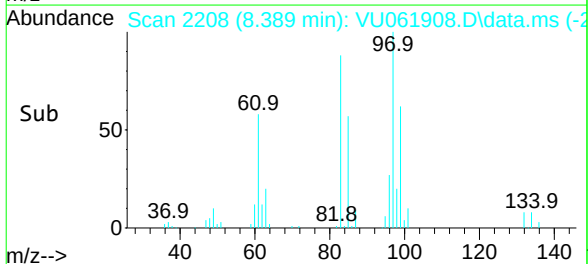
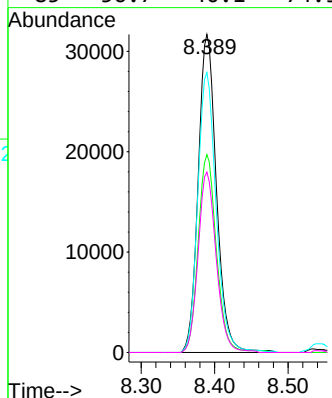
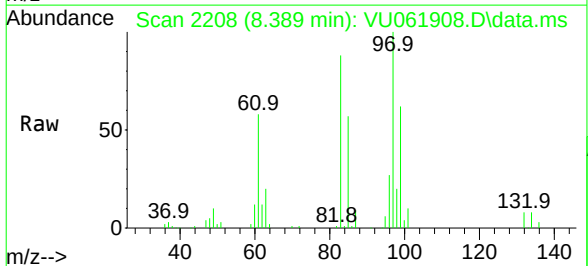




#45
1,1,2-Trichloroethane
Concen: 5.242 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

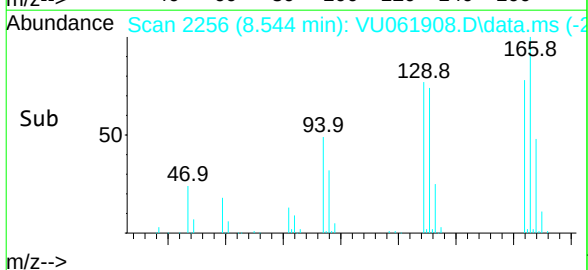
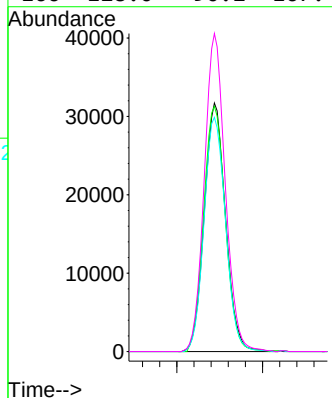
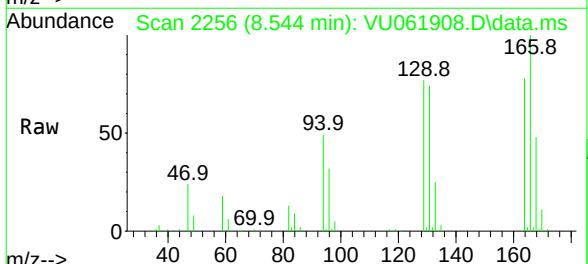
Instrument :
MSVOA_U
ClientSampleId :
E2A01MSD

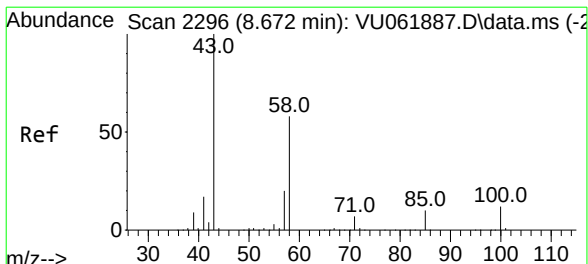
Tgt Ion:	97	Resp:	54777
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.0	79.8
83	88.0	61.7	114.5
85	56.7	40.1	74.5



#47
Tetrachloroethene
Concen: 5.154 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

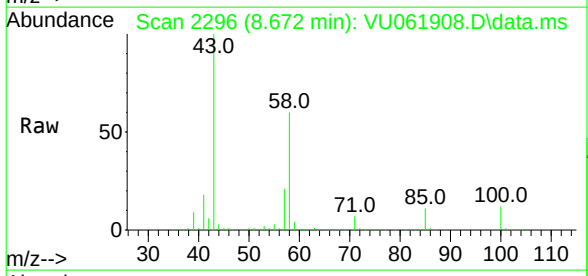
Tgt Ion:	164	Resp:	54620
Ion	Ratio	Lower	Upper
164	100		
129	98.6	73.2	136.0
131	94.2	72.3	134.3
166	128.0	90.2	167.4



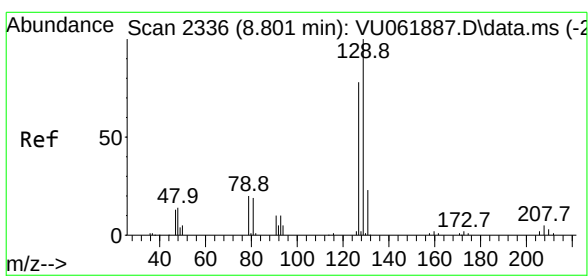
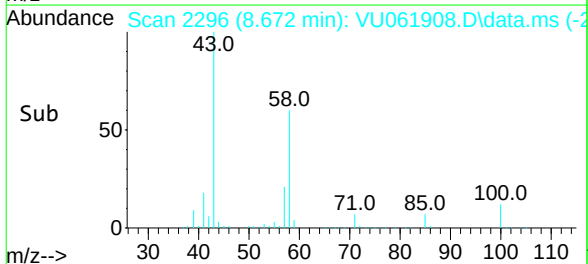
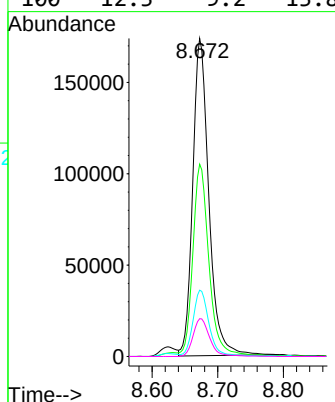


#48
 2-Hexanone
 Concen: 51.596 ug/L
 RT: 8.672 min Scan# 2296
 Delta R.T. 0.000 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MSD

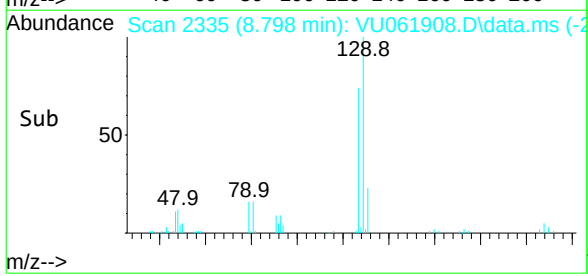
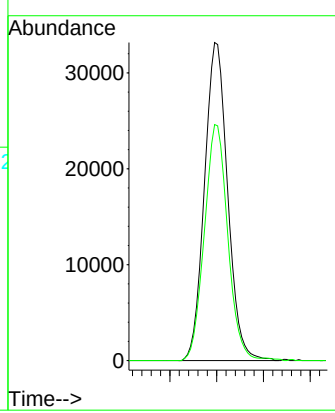
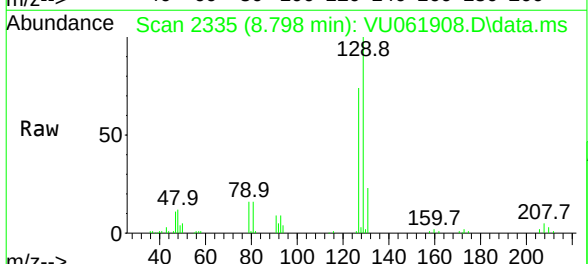


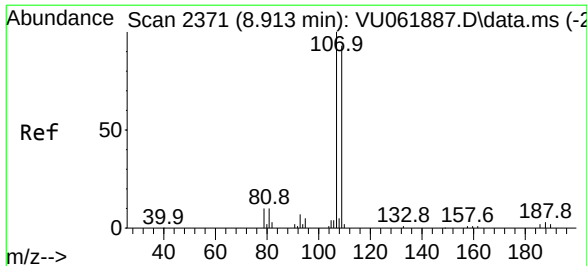
Tgt Ion:	43	Resp:	295718
Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.5	71.3
57	20.6	15.6	23.4
100	12.3	9.2	13.8



#49
 Dibromochloromethane
 Concen: 5.175 ug/L
 RT: 8.798 min Scan# 2335
 Delta R.T. -0.003 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

Tgt Ion:	129	Resp:	57123
Ion	Ratio	Lower	Upper
129	100		
127	74.2	51.1	94.9

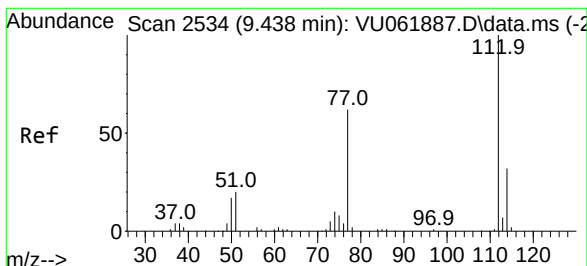
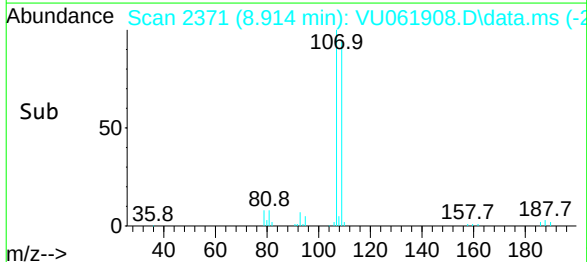
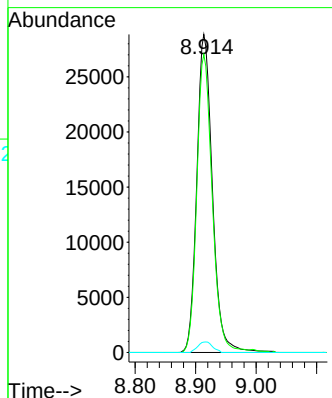
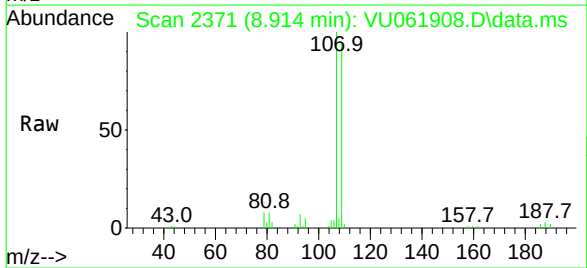




#50
1,2-Dibromoethane
Concen: 4.992 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

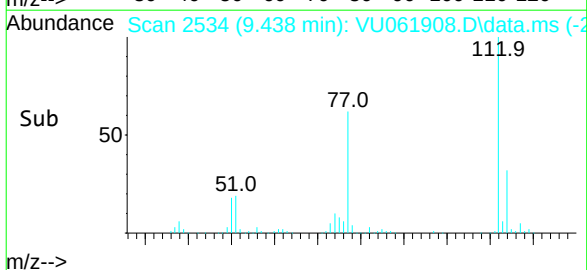
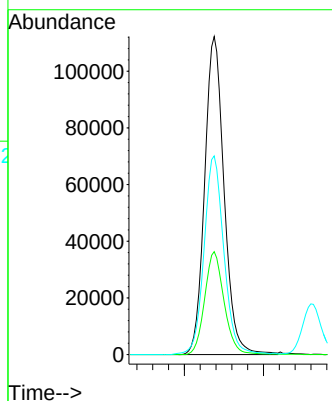
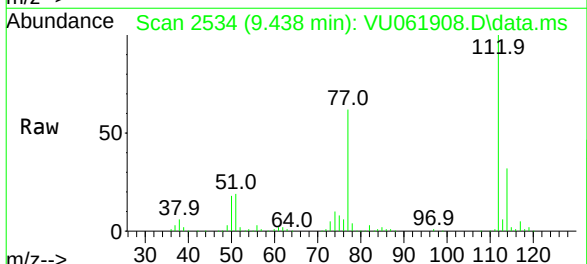
Instrument :
MSVOA_U
ClientSampleId :
E2A01MSD

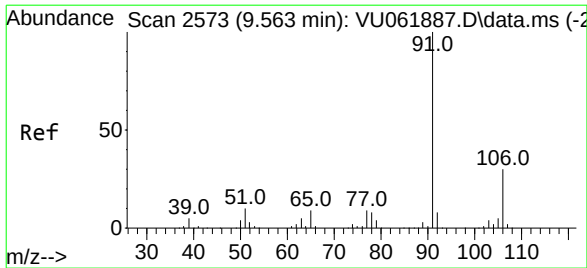
Tgt Ion:107 Resp: 51776
Ion Ratio Lower Upper
107 100
109 93.7 66.8 124.2
188 3.3 2.3 3.5



#51
Chlorobenzene
Concen: 4.886 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion:112 Resp: 191733
Ion Ratio Lower Upper
112 100
114 32.4 23.0 42.6
77 62.5 50.5 75.7

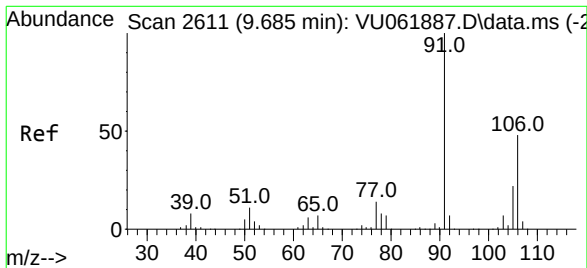
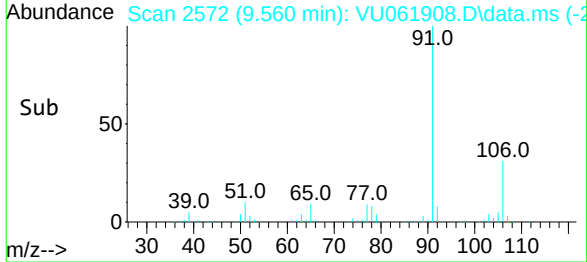
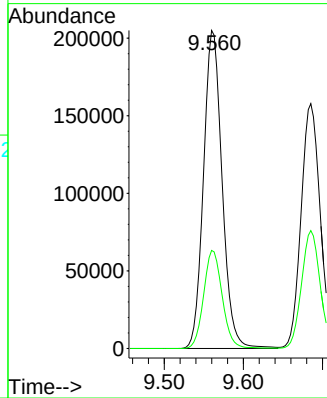
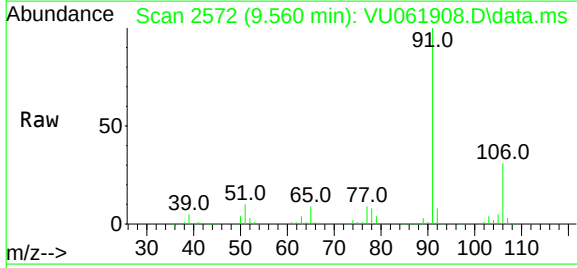




#52
 Ethylbenzene
 Concen: 4.887 ug/L
 RT: 9.560 min Scan# 2573
 Delta R.T. -0.003 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

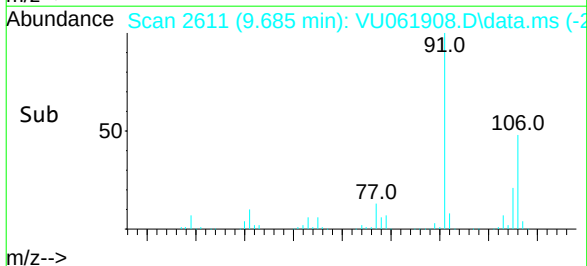
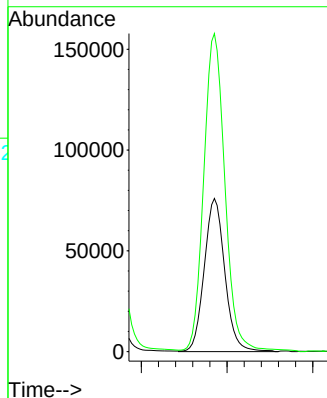
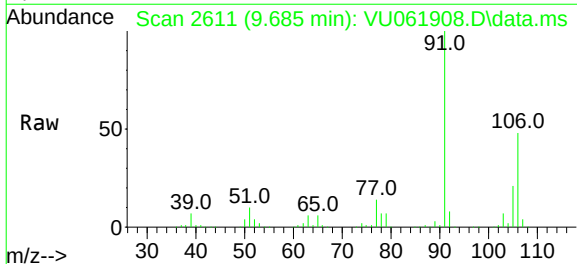
Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MSD

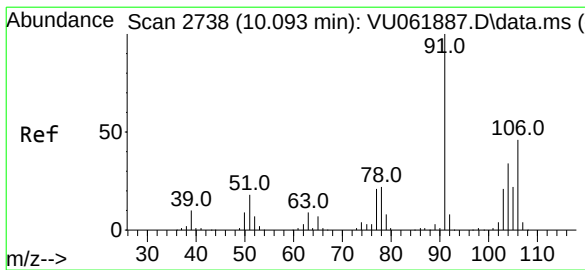
Tgt Ion: 91 Resp: 335070
 Ion Ratio Lower Upper
 91 100
 106 30.8 21.6 40.0



#53
 m,p-Xylene
 Concen: 5.232 ug/L
 RT: 9.685 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: VU061908.D
 Acq: 21 Nov 2024 09:46

Tgt Ion: 106 Resp: 126590
 Ion Ratio Lower Upper
 106 100
 91 207.7 147.6 274.0





#54

o-Xylene

Concen: 5.123 ug/L

RT: 10.090 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

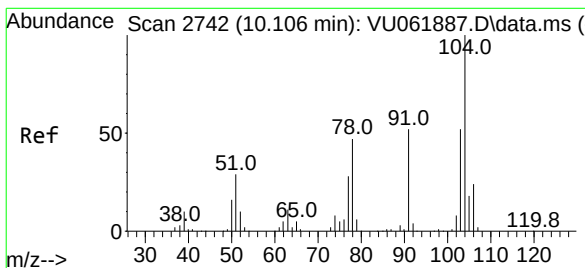
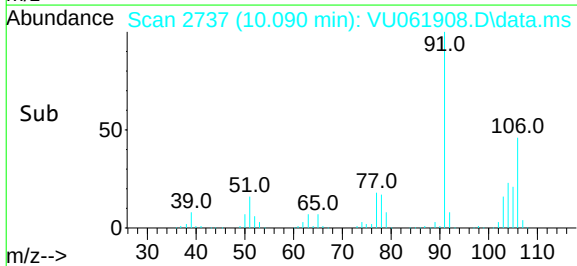
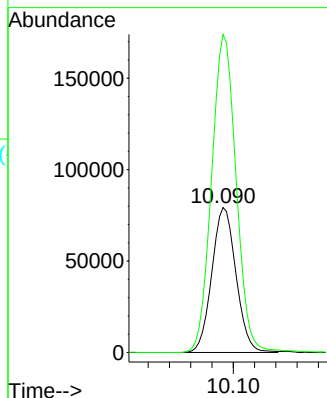
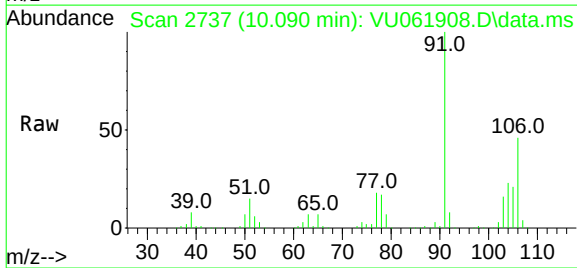
E2A01MSD

Tgt Ion:106 Resp: 125089

Ion Ratio Lower Upper

106 100

91 219.3 159.8 296.8



#55

Styrene

Concen: 5.044 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061908.D

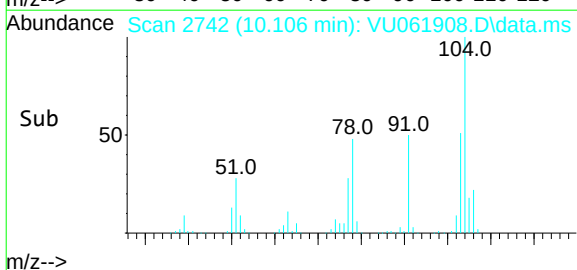
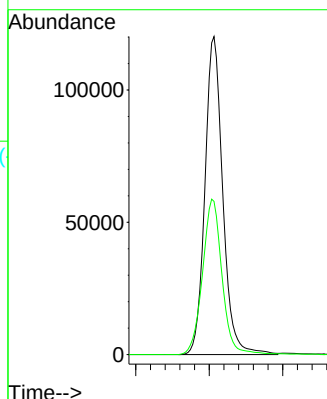
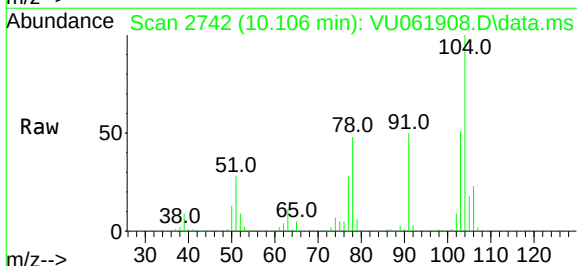
Acq: 21 Nov 2024 09:46

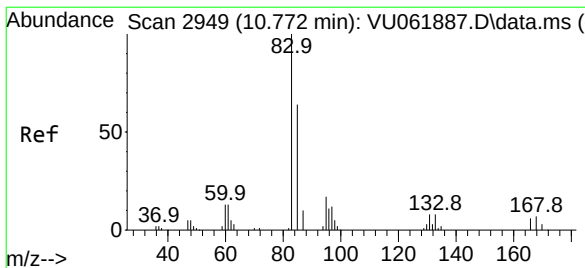
Tgt Ion:104 Resp: 202941

Ion Ratio Lower Upper

104 100

78 48.2 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.367 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

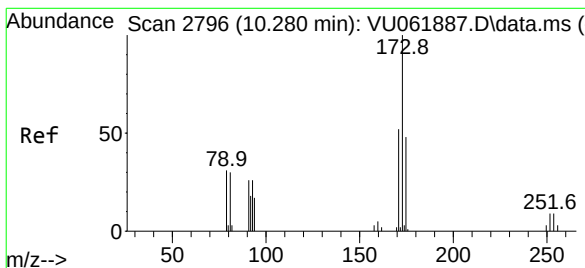
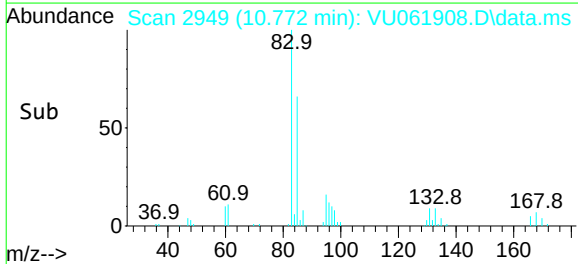
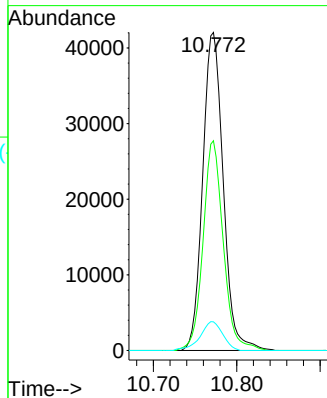
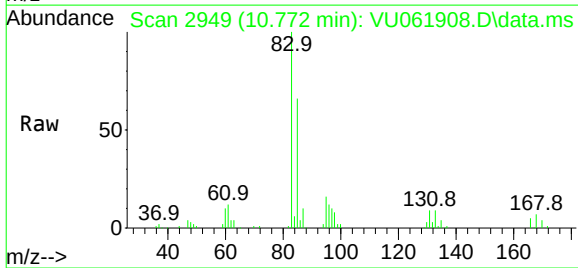
Instrument :

MSVOA_U

ClientSampleId :

E2A01MSD

Tgt Ion:	83	Resp:	71862
Ion Ratio	Lower	Upper	
83	100		
85	65.9	44.4	82.4
131	9.0	7.3	10.9



#59

Bromoform

Concen: 5.280 ug/L

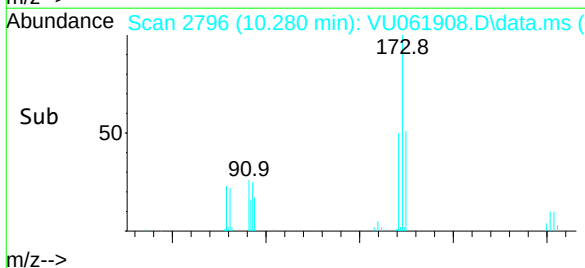
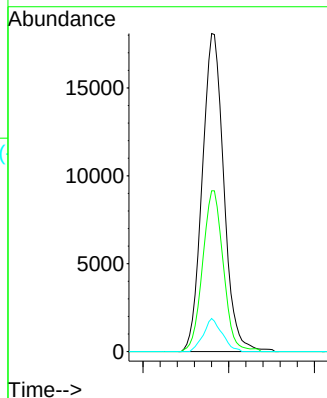
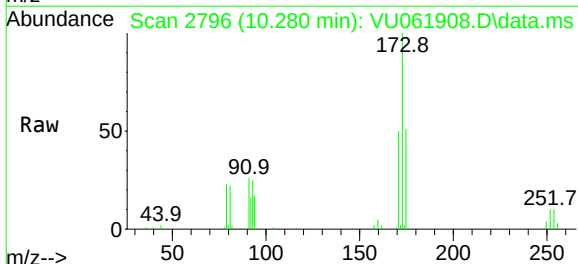
RT: 10.280 min Scan# 2796

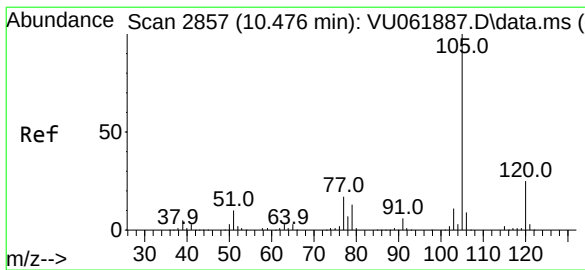
Delta R.T. 0.000 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Tgt Ion:	173	Resp:	31646
Ion Ratio	Lower	Upper	
173	100		
175	48.6	39.0	58.4
254	9.1	7.4	11.0





#60

Isopropylbenzene

Concen: 5.305 ug/L

RT: 10.473 min Scan# 28

Delta R.T. -0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

E2A01MSD

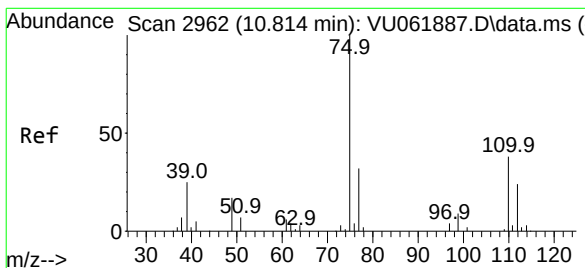
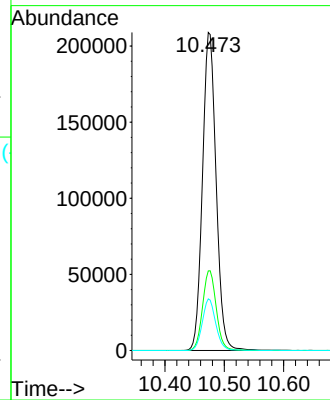
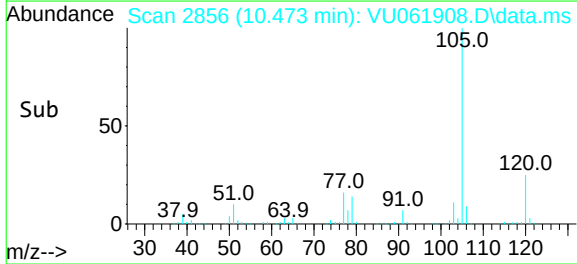
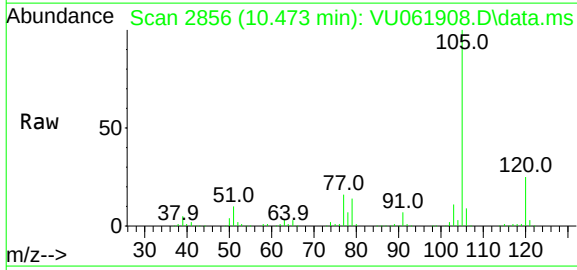
Tgt Ion:105 Resp: 333464

Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 16.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.294 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

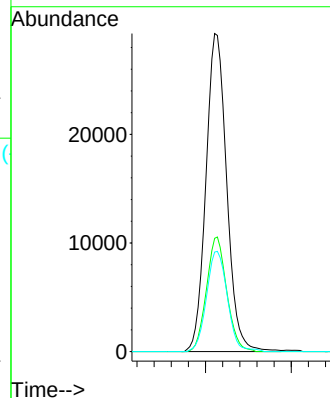
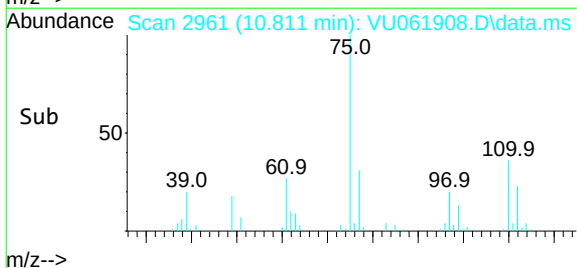
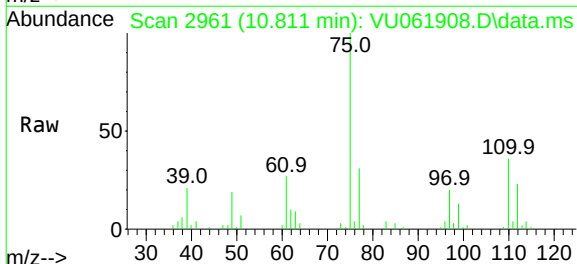
Tgt Ion: 75 Resp: 49337

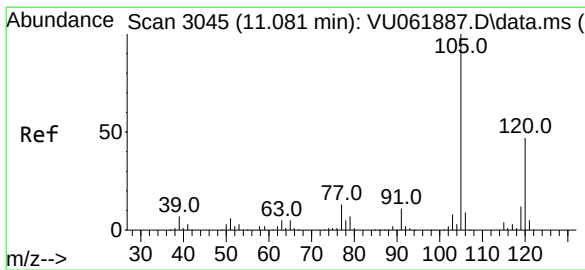
Ion Ratio Lower Upper

75 100

110 35.1 28.9 43.3

77 31.7 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.365 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

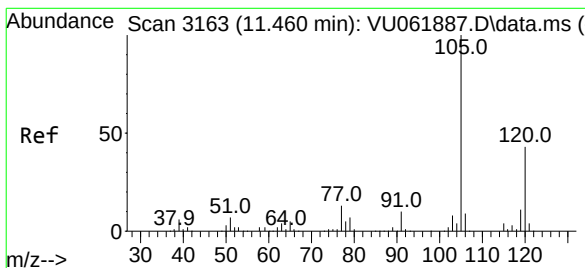
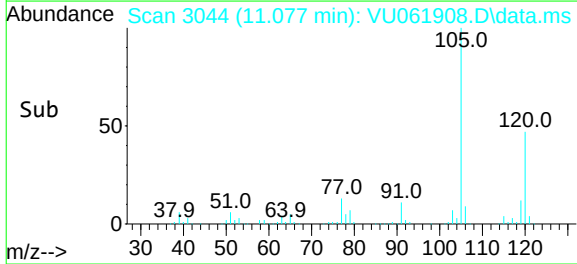
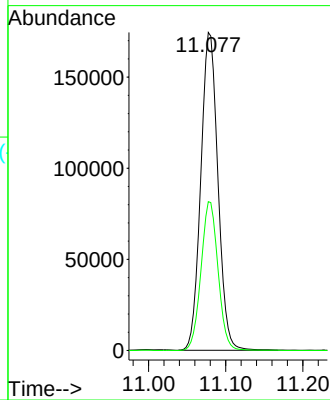
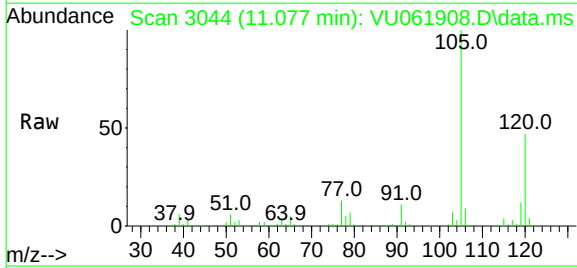
E2A01MSD

Tgt Ion:105 Resp: 269050

Ion Ratio Lower Upper

105 100

120 46.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.336 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU061908.D

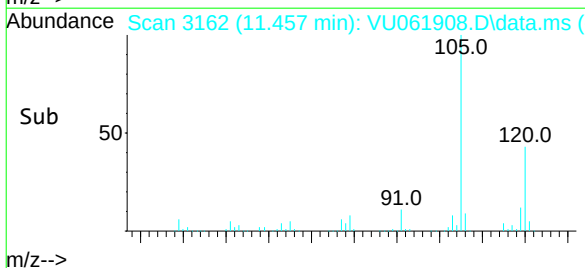
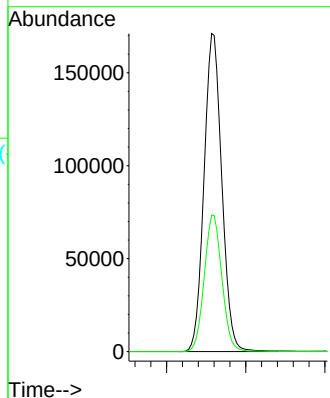
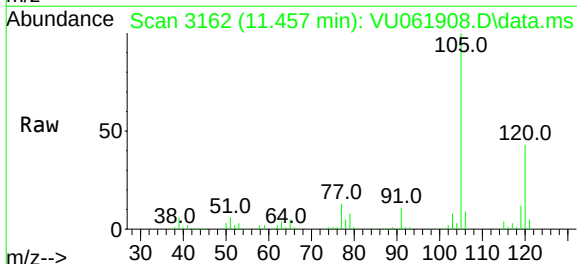
Acq: 21 Nov 2024 09:46

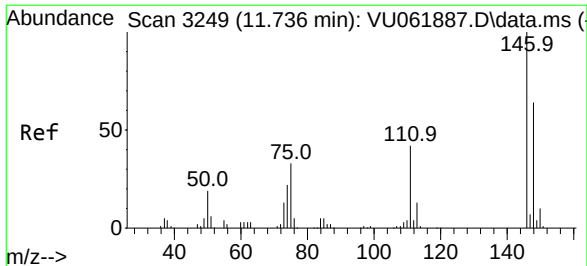
Tgt Ion:105 Resp: 266786

Ion Ratio Lower Upper

105 100

120 42.6 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.281 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061908.D

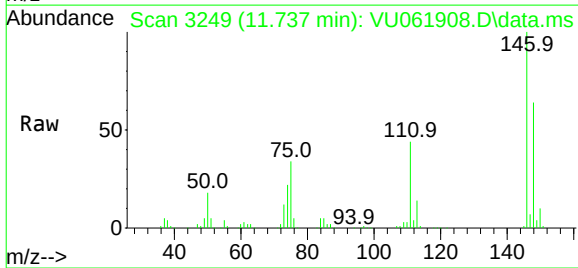
Acq: 21 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

E2A01MSD



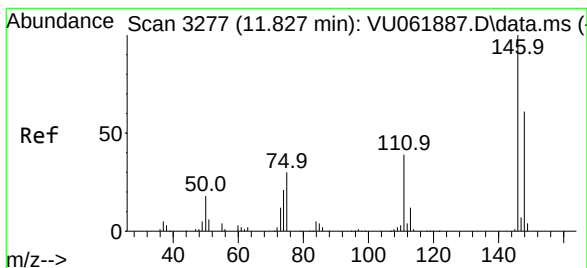
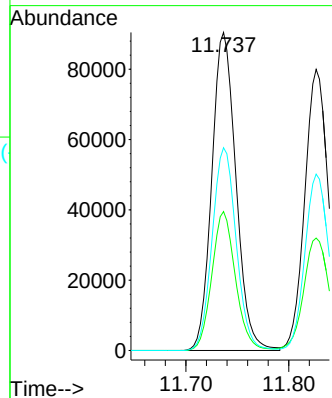
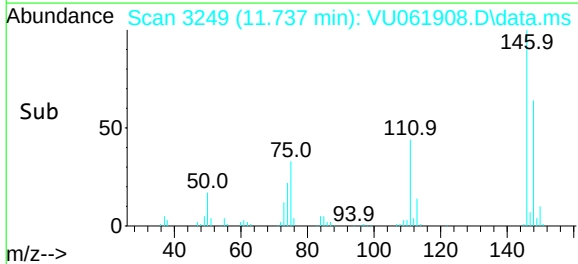
Tgt Ion:146 Resp: 147374

Ion Ratio Lower Upper

146 100

111 43.7 30.7 57.1

148 63.8 45.1 83.7



#65

1,4-Dichlorobenzene

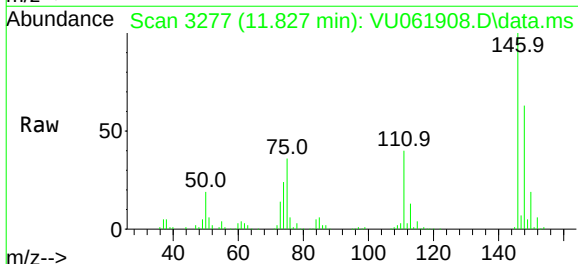
Concen: 4.839 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46



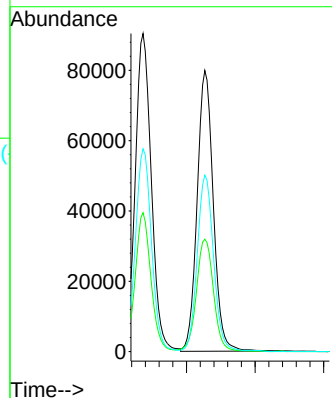
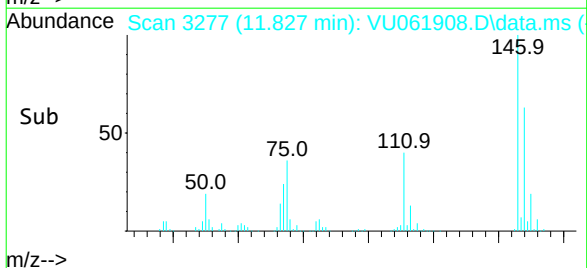
Tgt Ion:146 Resp: 130703

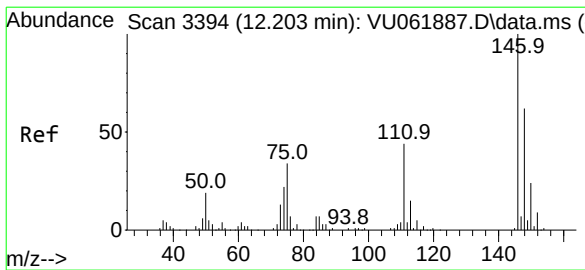
Ion Ratio Lower Upper

146 100

111 40.0 29.3 54.3

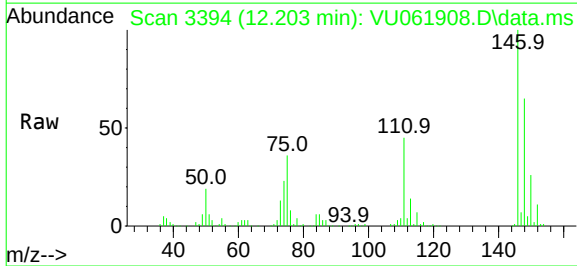
148 62.7 44.6 82.8



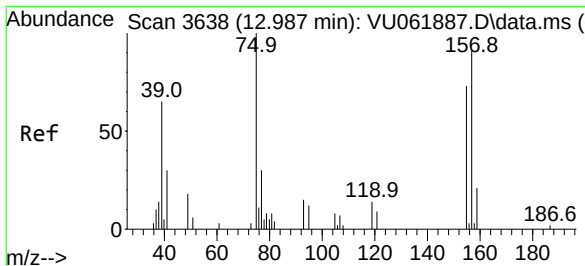
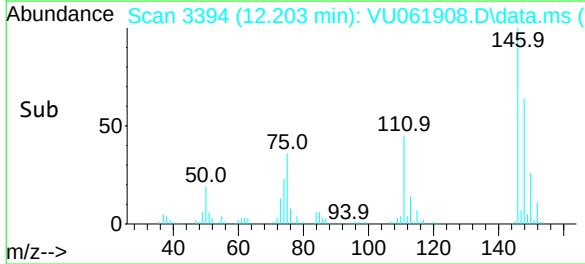
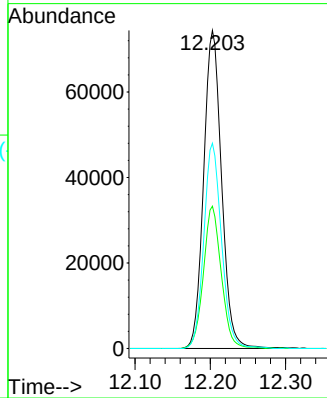


#67
1,2-Dichlorobenzene
Concen: 5.070 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Instrument :
MSVOA_U
ClientSampleId :
E2A01MSD

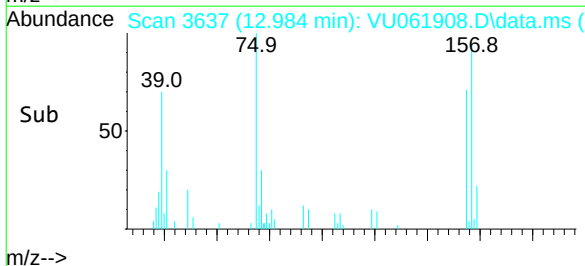
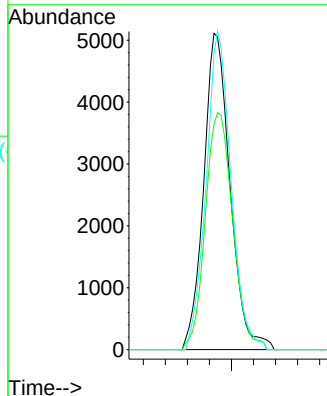
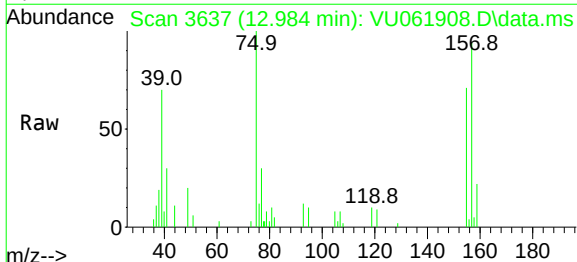


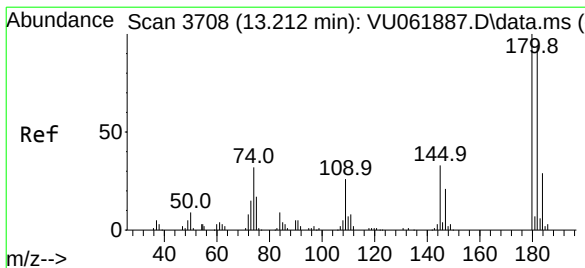
Tgt Ion:146 Resp: 123037
Ion Ratio Lower Upper
146 100
111 44.7 36.0 54.0
148 64.5 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.333 ug/L
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU061908.D
Acq: 21 Nov 2024 09:46

Tgt Ion: 75 Resp: 8482
Ion Ratio Lower Upper
75 100
155 71.3 55.2 82.8
157 93.5 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.300 ug/L

RT: 13.209 min Scan# 3708

Delta R.T. -0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

E2A01MSD

Tgt Ion:180 Resp: 88001

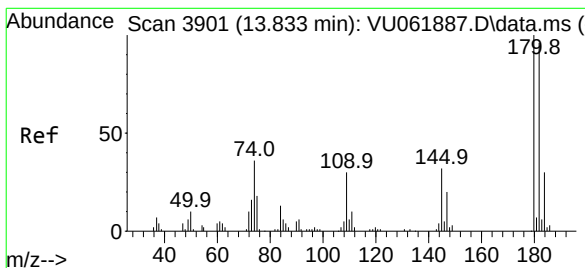
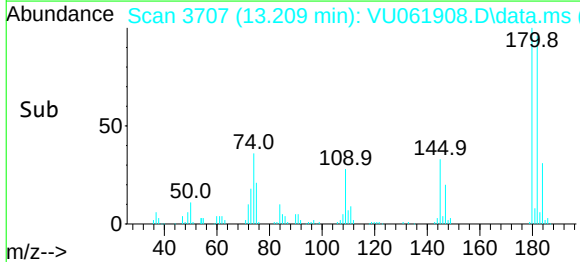
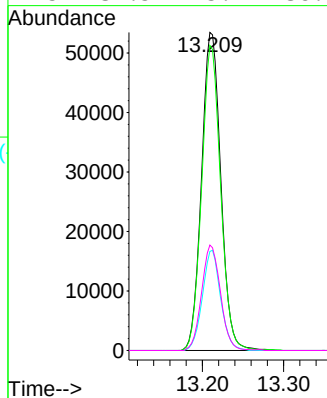
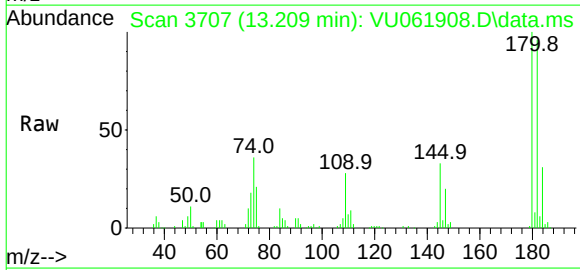
Ion Ratio Lower Upper

180 100

182 94.2 76.7 115.1

184 29.9 24.8 37.2

145 32.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.629 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

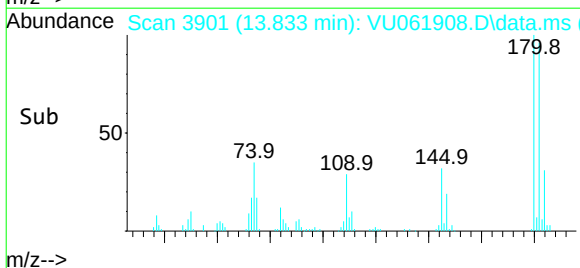
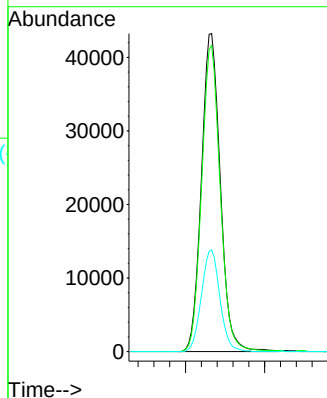
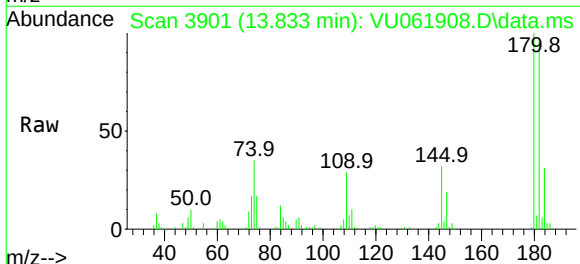
Tgt Ion:180 Resp: 71628

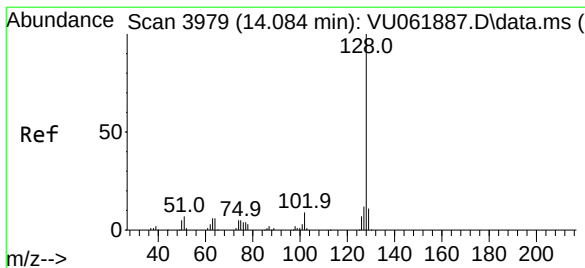
Ion Ratio Lower Upper

180 100

182 94.6 74.5 111.7

145 31.2 25.6 38.4





#71

Naphthalene

Concen: 5.725 ug/L

RT: 14.081 min Scan# 39

Delta R.T. -0.003 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

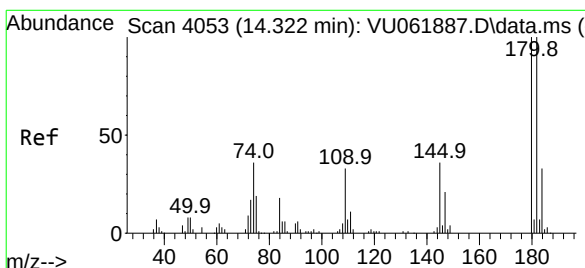
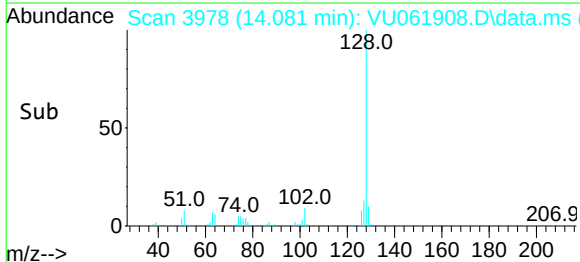
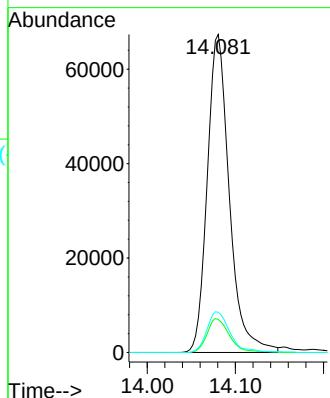
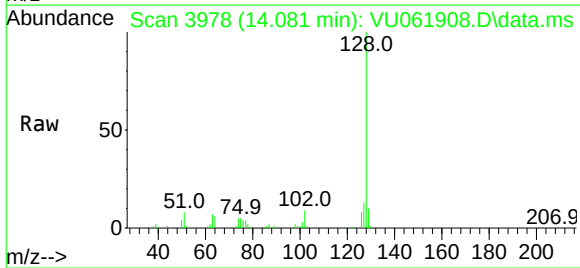
Instrument :

MSVOA_U

ClientSampleId :

E2A01MSD

Tgt Ion:	128	Resp:	117423
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.4	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.951 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061908.D

Acq: 21 Nov 2024 09:46

Tgt Ion:	180	Resp:	65224
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.1	114.1
145	34.4	27.4	41.0

