

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061836.D
 Acq On : 19 Nov 2024 01:48
 Operator : MD/SY
 Sample : P4885-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q3

Quant Time: Nov 19 03:42:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	166240	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158005	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35359	3.292	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.904	69	34887	3.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.560	65	16560	3.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.612	46	107849	47.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	5.052	84	92102	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	47300	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.718	84	187657	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.679	67	59316	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.888	98	202774	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.171	79	23305	4.908	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.621	63	94741	50.487	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48910	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	59625	4.881	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds	Qvalue					
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	24380	2.268	ug/L	98
12) 1,1-Dichloroethene	2.573	96	1802	0.180	ug/L #	1
16) Methylene chloride	3.036	84	68934	5.960	ug/L	99
19) 1,1-Dichloroethane	3.866	63	5208	0.260	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	3227	0.260	ug/L	86
25) Chloroform	5.078	83	4212	0.199	ug/L #	73
27) 1,2-Dichloroethane	5.788	62	9020	0.680	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	183731	10.219	ug/L	100
34) Trichloroethene	6.534	95	38337	2.969	ug/L	97
42) Toluene	7.959	91	184016	3.574	ug/L	99
47) Tetrachloroethene	8.544	164	437197	45.059	ug/L	97
51) Chlorobenzene	9.438	112	76647	2.313	ug/L	96
52) Ethylbenzene	9.563	91	83124	1.516	ug/L	98
53) m,p-Xylene	9.682	106	64715	3.084	ug/L	98
54) o-Xylene	10.094	106	12527	0.614	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	5217	0.485	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	65188	3.213	ug/L	96

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Quant Time: Nov 19 03:42:23 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 03:37:44 2024
Response via : Initial Calibration

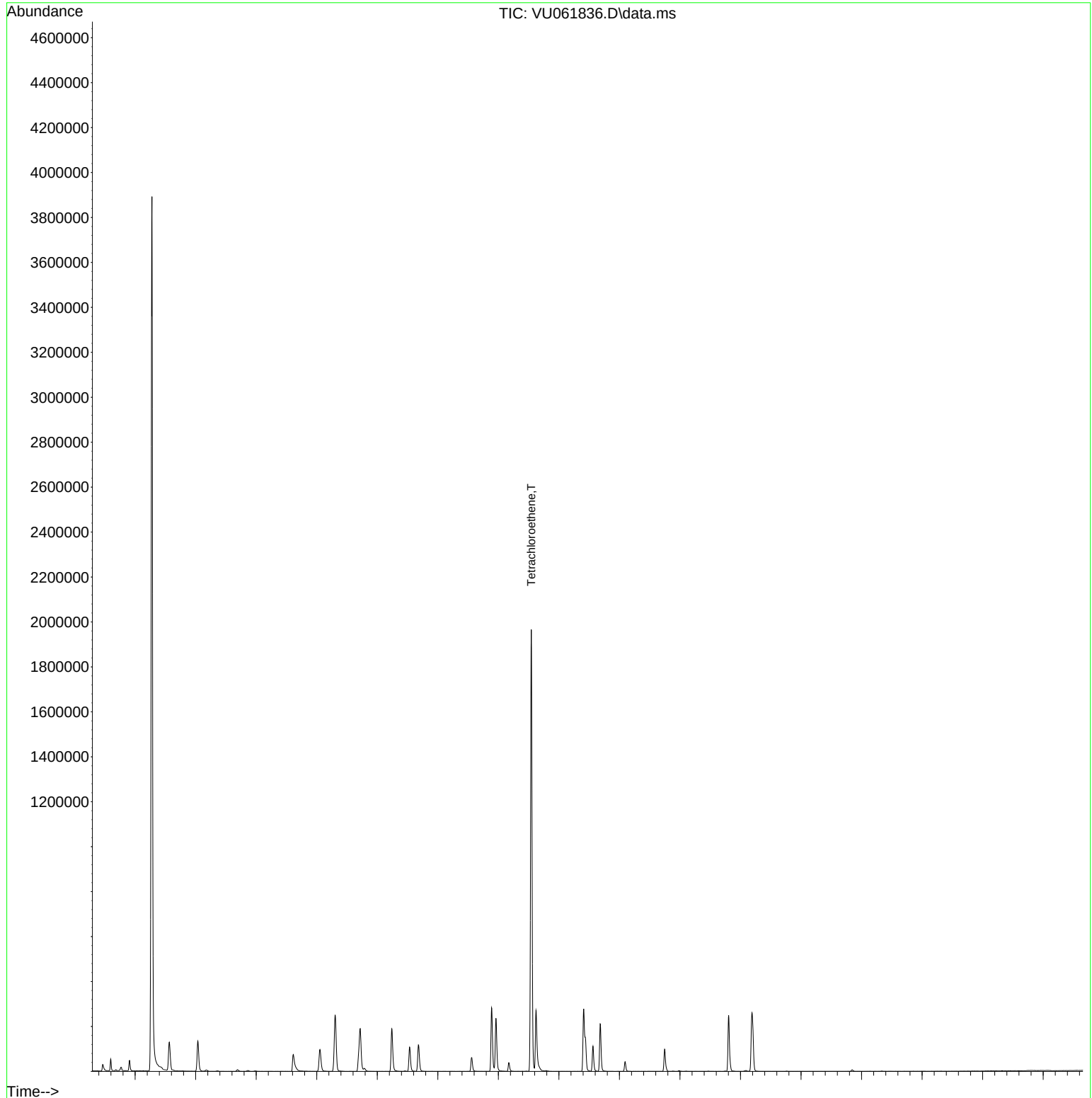
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

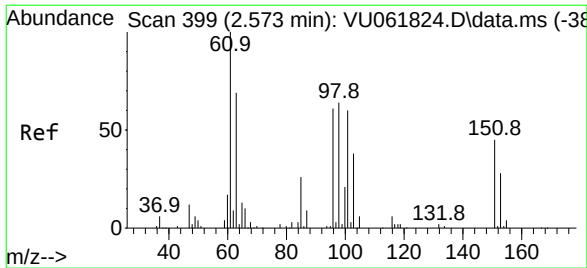
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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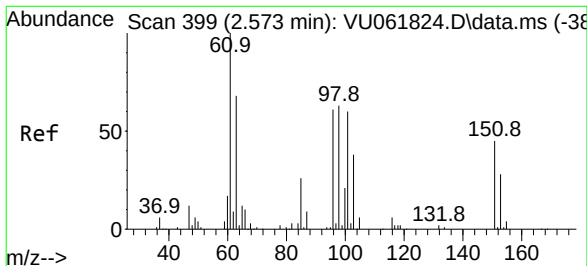
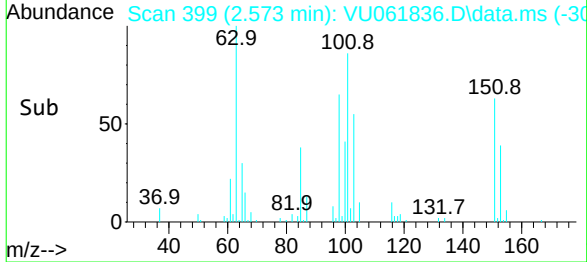
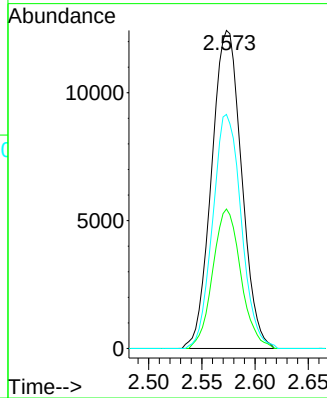
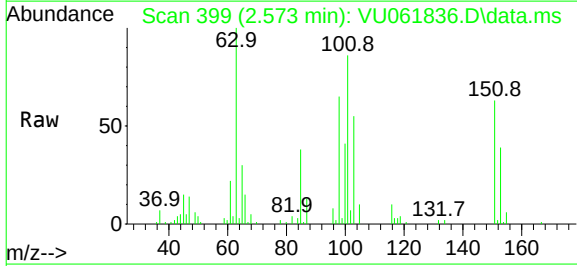




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.268 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

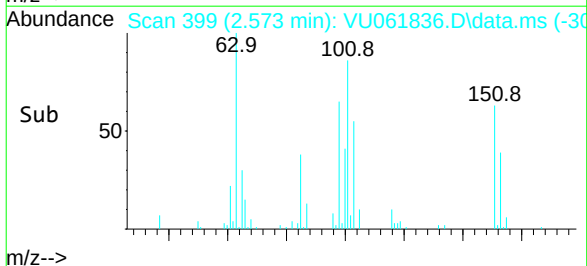
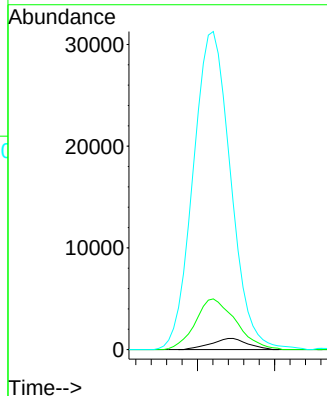
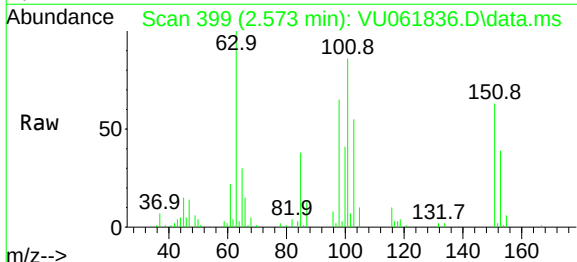
Instrument :
MSVOA_U
ClientSampleId :
BG3Q3

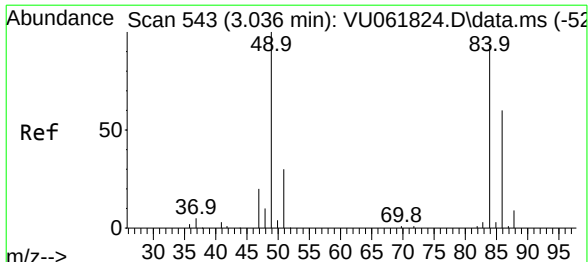
Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.1	35.1	52.7
151	70.3	56.9	85.3



#12
1,1-Dichloroethene
Concen: 0.180 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	295.1	116.8	217.0#
63	1323.3	86.1	159.9#

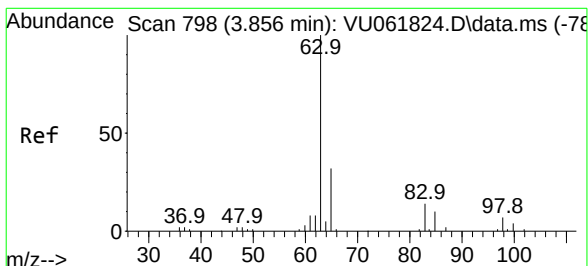
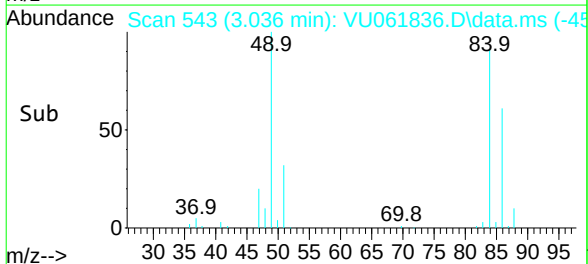
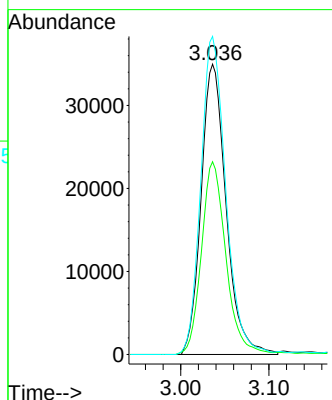
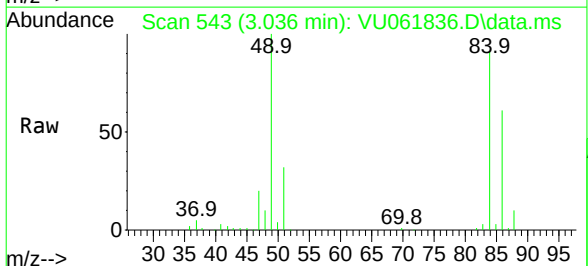




#16
Methylene chloride
Concen: 5.960 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

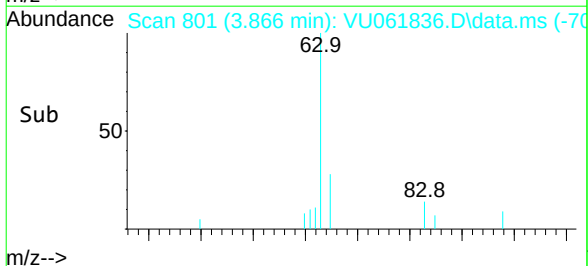
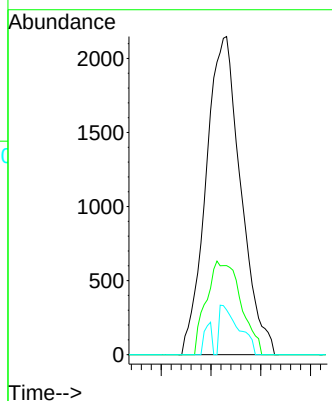
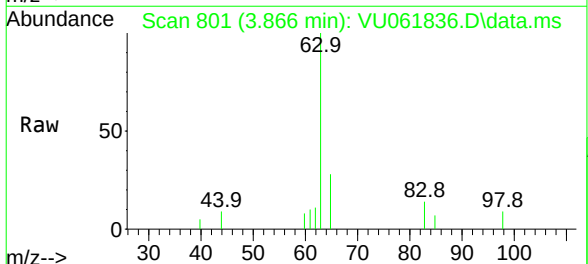
Instrument :
MSVOA_U
ClientSampleId :
BG3Q3

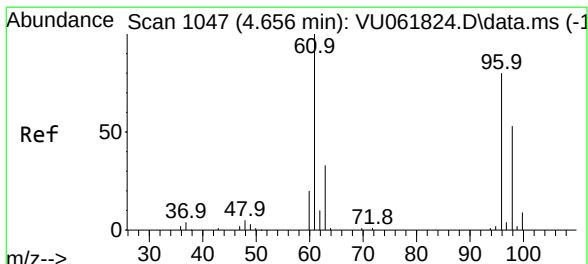
Tgt Ion:	84	Resp:	68934
Ion	Ratio	Lower	Upper
84	100		
86	66.4	45.1	83.7
49	109.6	76.3	141.7



#19
1,1-Dichloroethane
Concen: 0.260 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.010 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

Tgt Ion:	63	Resp:	5208
Ion	Ratio	Lower	Upper
63	100		
65	28.0	23.4	43.4
83	14.1	9.6	17.8

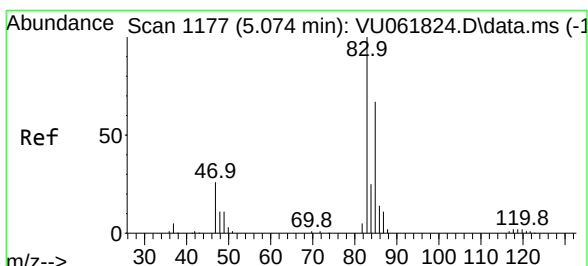
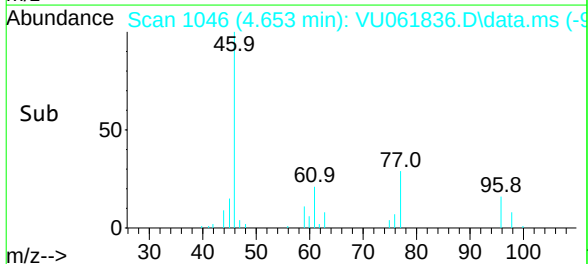
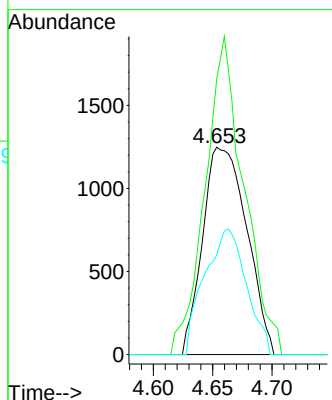
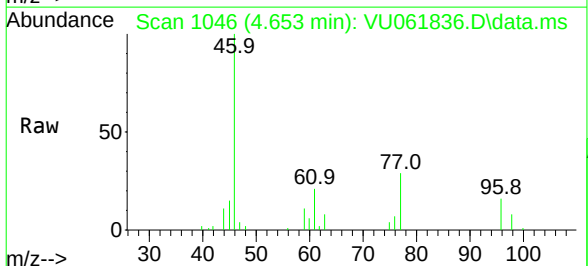




#22
 cis-1,2-Dichloroethene
 Concen: 0.260 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061836.D
 Acq: 19 Nov 2024 01:48

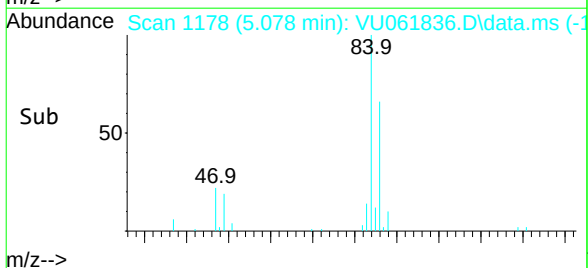
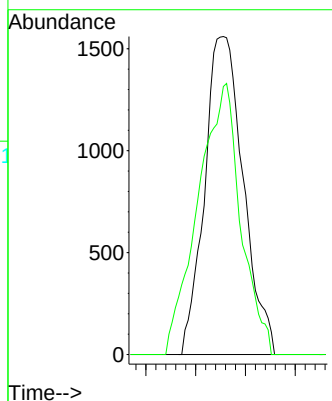
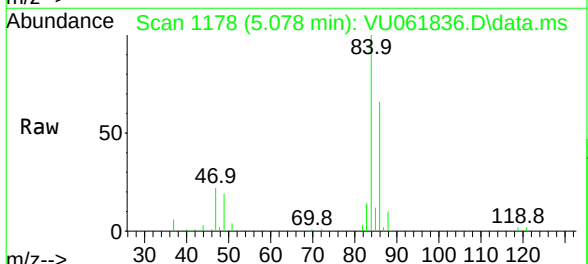
Instrument :
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 ClientSampleId :
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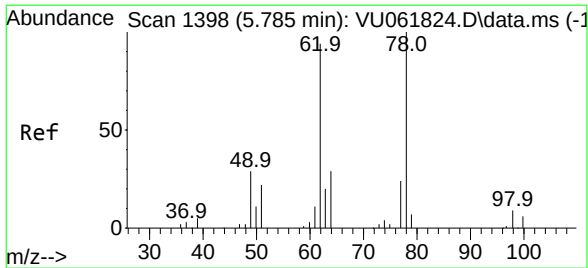
Tgt Ion:	96	Resp:	3227
Ion	Ratio	Lower	Upper
96	100		
61	132.9	85.6	159.0
98	48.0	45.6	84.8



#25
 Chloroform
 Concen: 0.199 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. 0.003 min
 Lab File: VU061836.D
 Acq: 19 Nov 2024 01:48

Tgt Ion:	83	Resp:	4212
Ion	Ratio	Lower	Upper
83	100		
85	84.3	44.1	81.9#

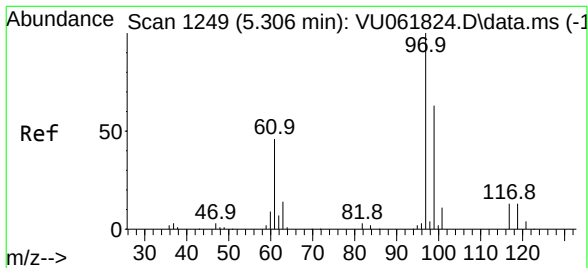
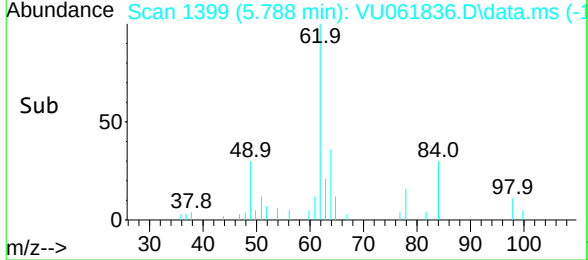
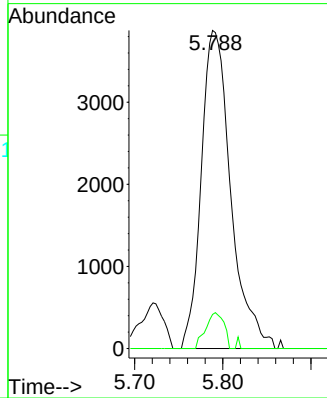
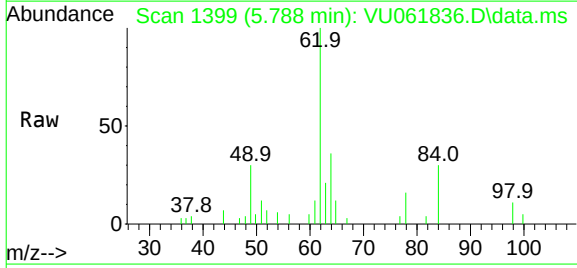




#27
1,2-Dichloroethane
Concen: 0.680 ug/L
RT: 5.788 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

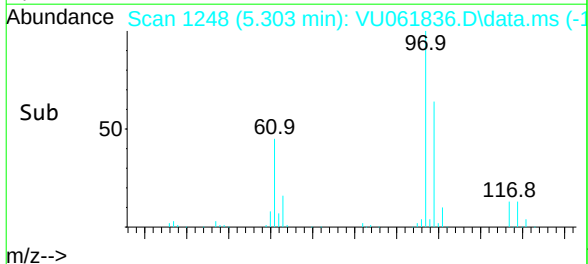
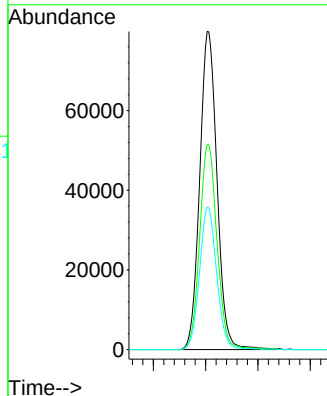
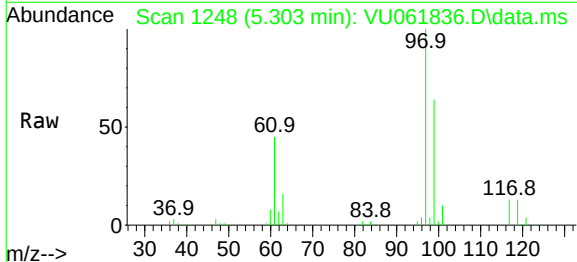
Instrument :
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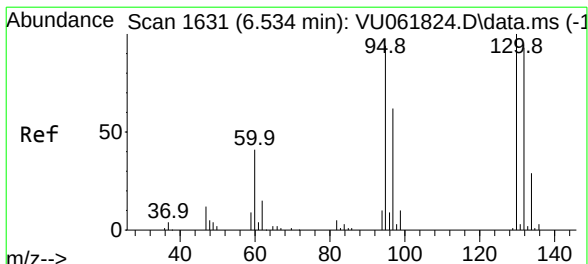
Tgt Ion: 62 Resp: 9020
Ion Ratio Lower Upper
62 100
98 10.7 7.7 11.5



#29
1,1,1-Trichloroethane
Concen: 10.219 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

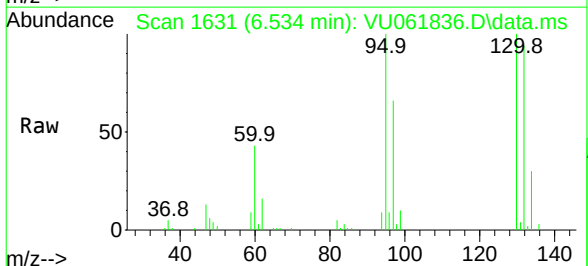
Tgt Ion: 97 Resp: 183731
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 44.2 35.4 53.0



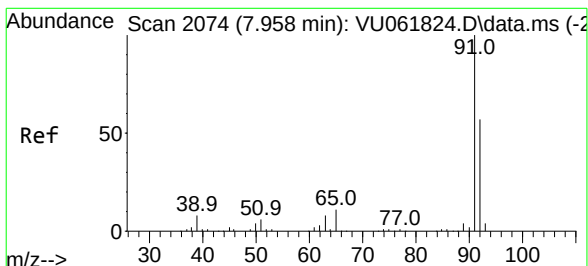
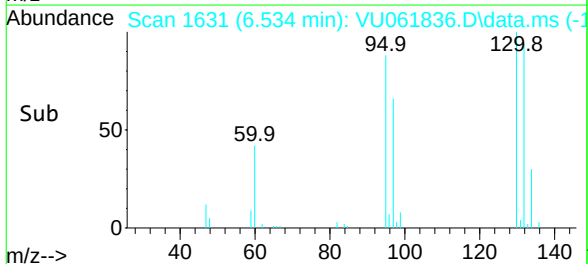
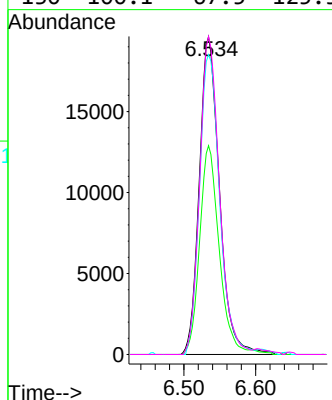


#34
 Trichloroethene
 Concen: 2.969 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061836.D
 Acq: 19 Nov 2024 01:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q3

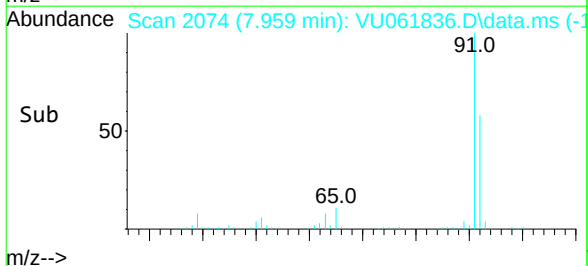
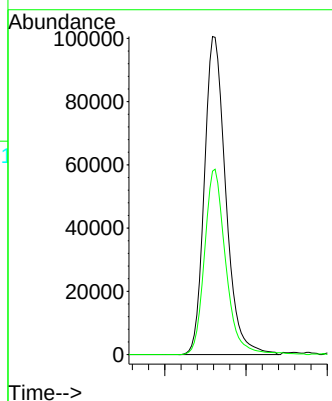
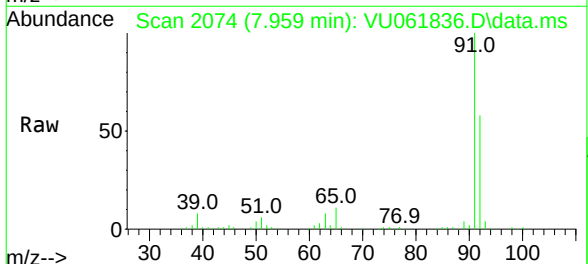


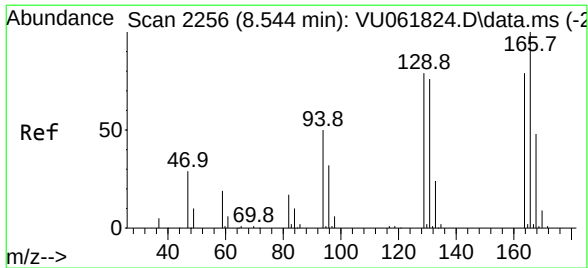
Tgt Ion:	95	Resp:	38337
Ion	Ratio	Lower	Upper
95	100		
97	65.7	43.5	80.9
132	94.4	65.2	121.0
130	100.1	67.5	125.3



#42
 Toluene
 Concen: 3.574 ug/L
 RT: 7.959 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VU061836.D
 Acq: 19 Nov 2024 01:48

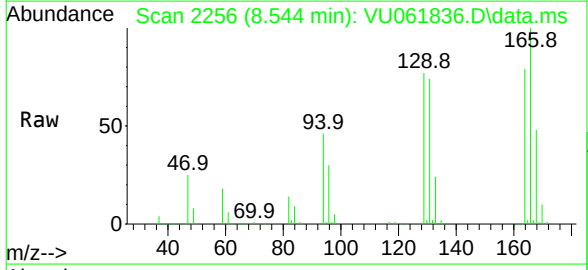
Tgt Ion:	91	Resp:	184016
Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.7	73.7



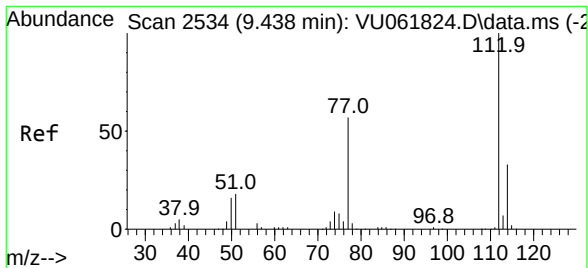
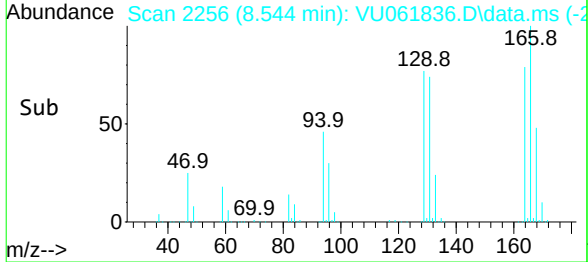
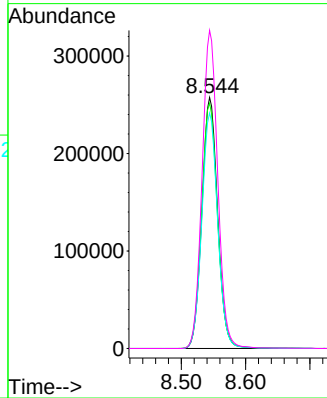


#47
Tetrachloroethene
Concen: 45.059 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

Instrument :
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ClientSampleId :
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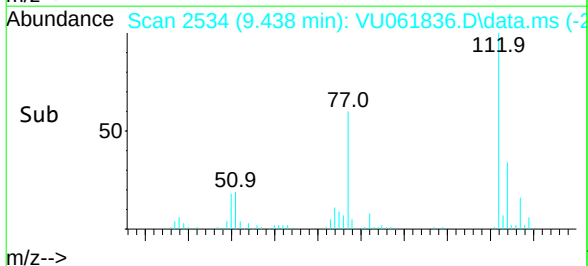
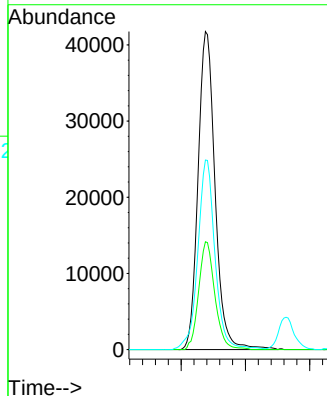
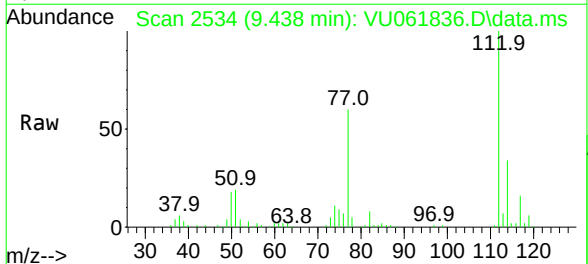


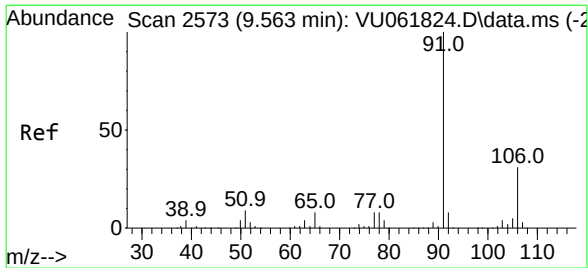
Tgt Ion:	164	Resp:	437197
Ion	Ratio	Lower	Upper
164	100		
129	97.7	71.7	133.3
131	93.8	68.2	126.6
166	126.7	89.9	167.0



#51
Chlorobenzene
Concen: 2.313 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

Tgt Ion:	112	Resp:	76647
Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.5	41.9
77	59.6	45.3	67.9

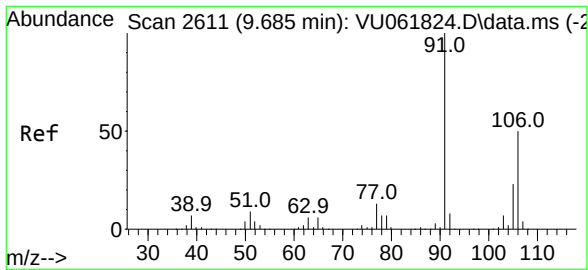
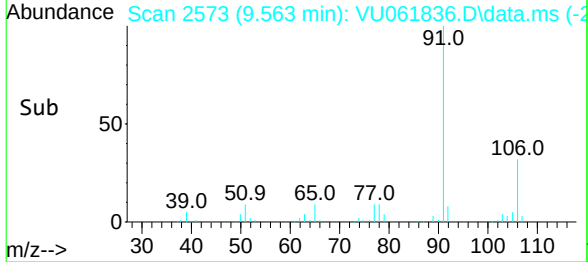
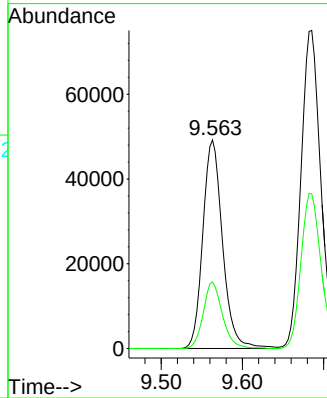
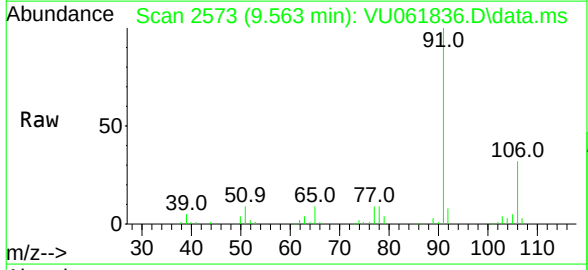




#52
Ethylbenzene
Concen: 1.516 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

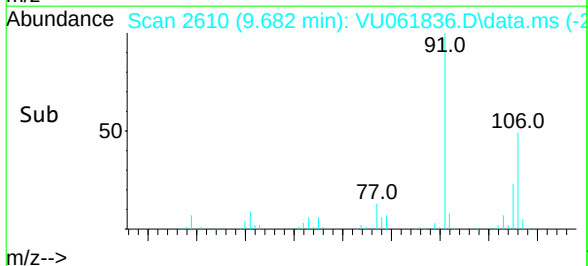
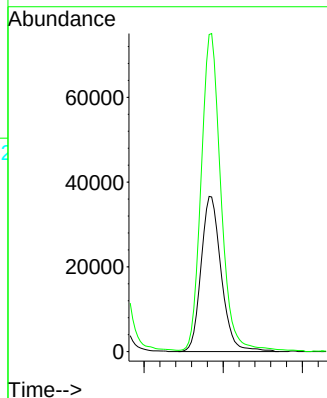
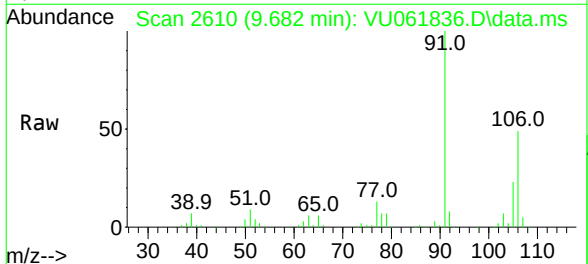
Instrument :
MSVOA_U
ClientSampleId :
BG3Q3

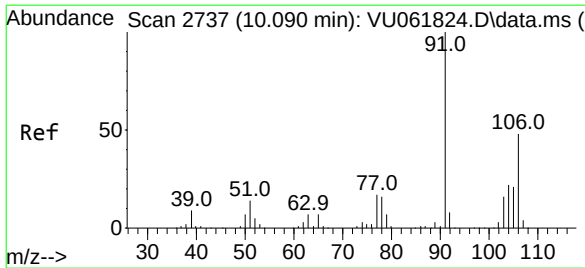
Tgt Ion: 91 Resp: 83124
Ion Ratio Lower Upper
91 100
106 31.8 21.7 40.3



#53
m,p-Xylene
Concen: 3.084 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

Tgt Ion: 106 Resp: 64715
Ion Ratio Lower Upper
106 100
91 204.3 140.4 260.8





#54

o-Xylene

Concen: 0.614 ug/L

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061836.D

Acq: 19 Nov 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :

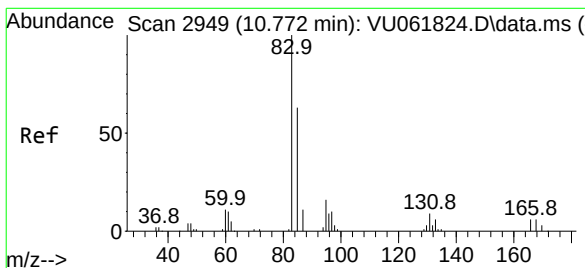
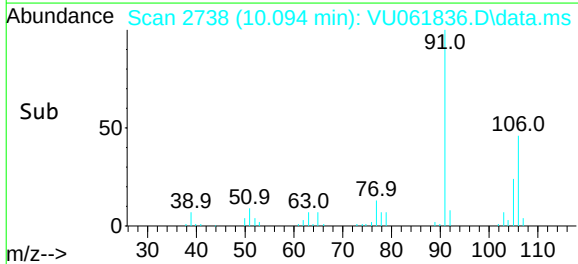
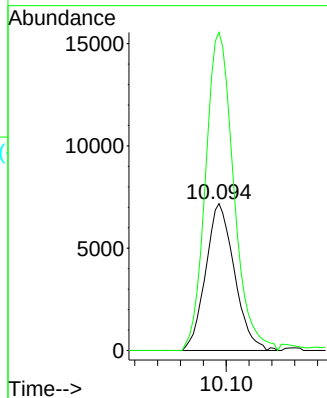
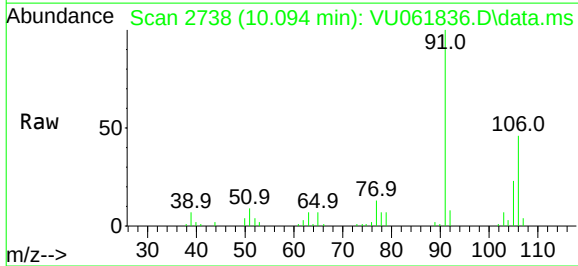
BG3Q3

Tgt Ion:106 Resp: 12527

Ion Ratio Lower Upper

106 100

91 216.5 151.3 280.9



#57

1,1,2,2-Tetrachloroethane

Concen: 0.485 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061836.D

Acq: 19 Nov 2024 01:48

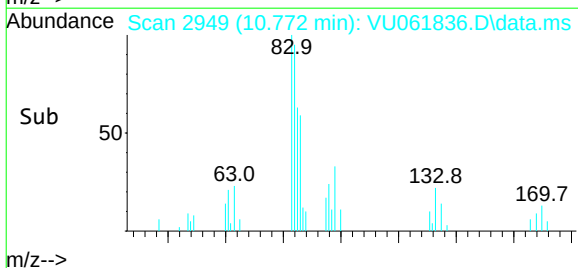
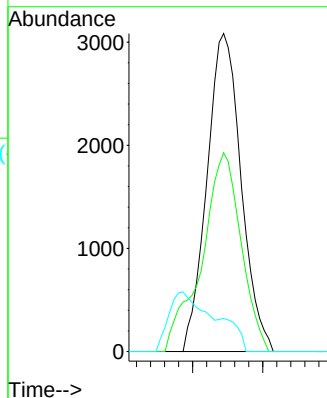
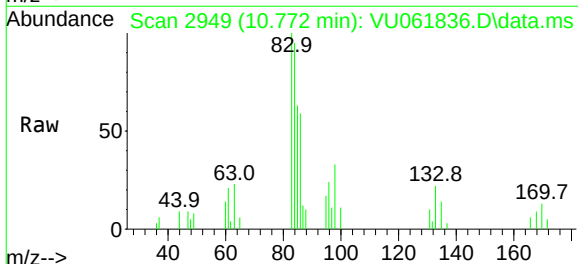
Tgt Ion: 83 Resp: 5217

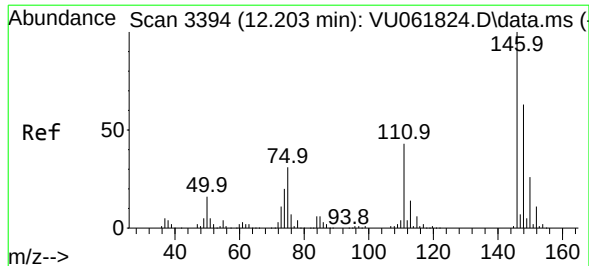
Ion Ratio Lower Upper

83 100

85 62.5 41.9 77.9

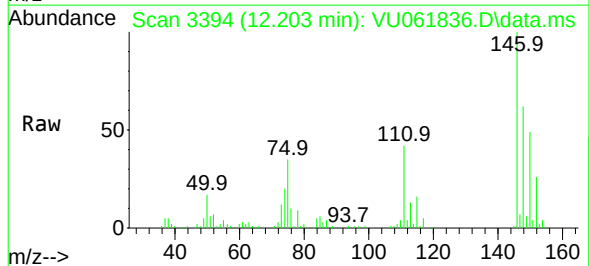
131 10.4 7.8 11.6





#67
1,2-Dichlorobenzene
Concen: 3.213 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU061836.D
Acq: 19 Nov 2024 01:48

Instrument :
MSVOA_U
ClientSampleId :
BG3Q3



Tgt Ion:	146	Resp:	65188
Ion	Ratio	Lower	Upper
146	100		
111	41.9	35.2	52.8
148	61.6	52.6	79.0

