

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061885.D
 Acq On : 20 Nov 2024 23:04
 Operator : MD/SY
 Sample : P4885-10DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q6DL

Quant Time: Nov 21 01:36:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:18:14 2024
 Response via : Initial Calibration

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

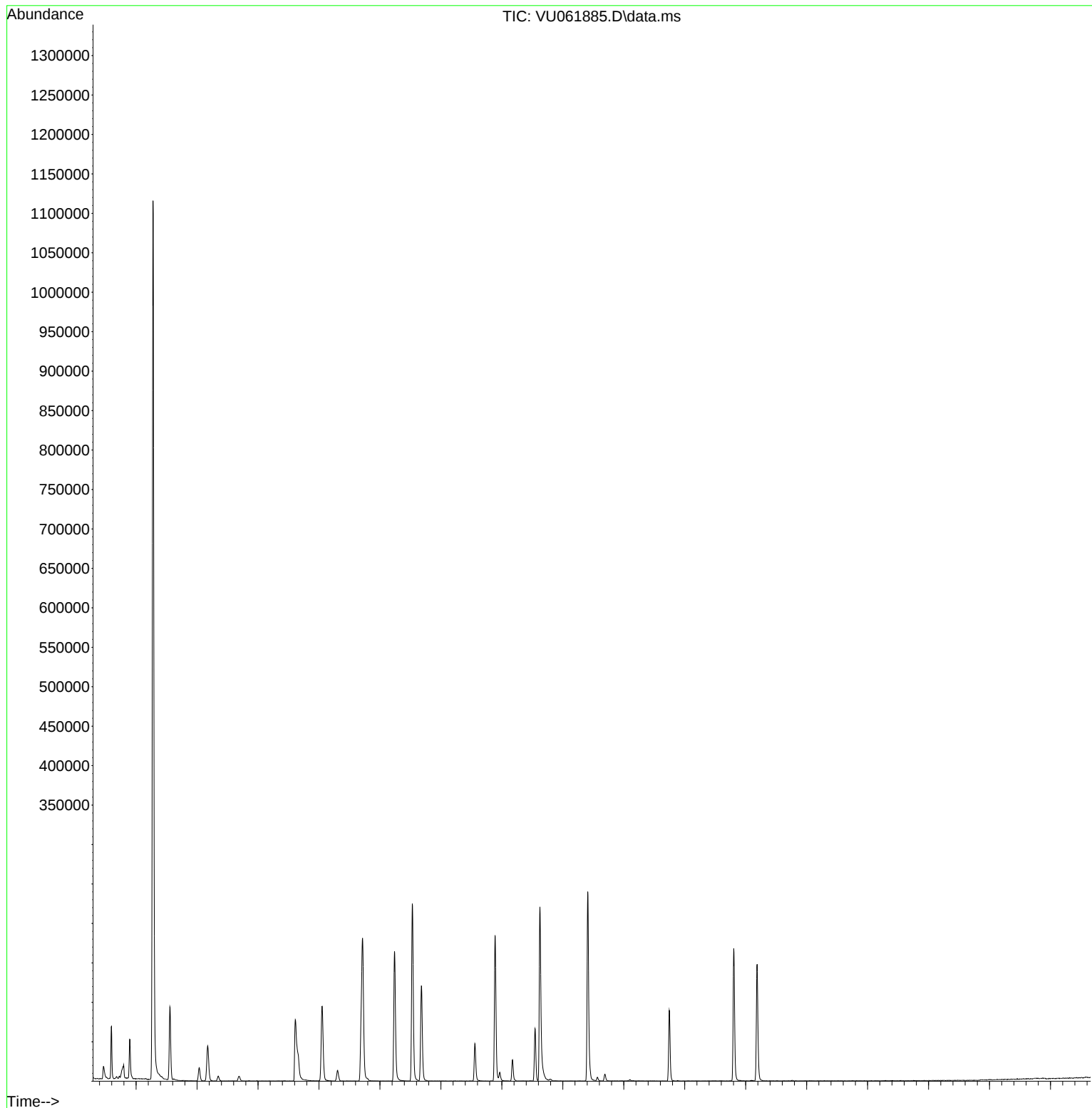
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	133619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	134235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45761	6.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 139.600%#	
7) Chloroethane-d5	1.895	69	40176	6.929	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	= 138.600%#	
11) 1,1-Dichloroethene-d2	2.554	65	17796	6.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 136.000%#	
20) 2-Butanone-d5	4.612	46	116887	56.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 113.580%	
24) Chloroform-d	5.052	84	92044	5.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.200%	
26) 1,2-Dichloroethane-d4	5.692	65	50494	6.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 122.800%	
32) Benzene-d6	5.718	84	169570	6.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 129.600%#	
36) 1,2-Dichloropropane-d6	6.679	67	58486	6.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 131.600%	
41) Toluene-d8	7.888	98	127729	5.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 117.200%	
43) trans-1,3-Dichloroprop...	8.174	79	16183	4.919	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 98.400%	
46) 2-Hexanone-d5	8.624	63	76827	51.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 102.320%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44947	5.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 101.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	39011	5.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 118.200%	
Target Compounds					Qvalue	
16) Methylene chloride	3.036	84	8313	0.773	ug/L	92
18) trans-1,2-Dichloroethene	3.348	96	2343	0.247	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	12748	1.196	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	9678	0.626	ug/L	99
34) Trichloroethene	6.534	95	80095	7.403	ug/L	98
42) Toluene	7.968	91	8083	0.190	ug/L	91
47) Tetrachloroethene	8.544	164	13950	1.773	ug/L	98
51) Chlorobenzene	9.441	112	6393	0.219	ug/L	93
53) m,p-Xylene	9.689	106	3054	0.170	ug/L	92
67) 1,2-Dichlorobenzene	12.206	146	3278	0.244	ug/L	96

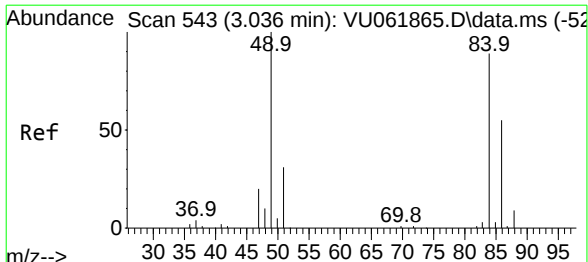
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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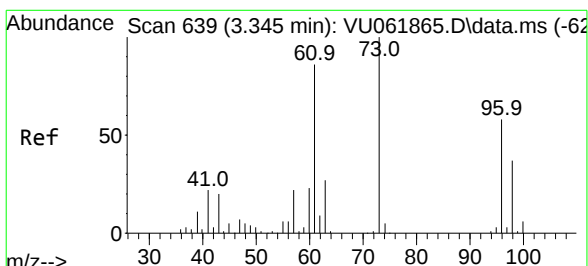
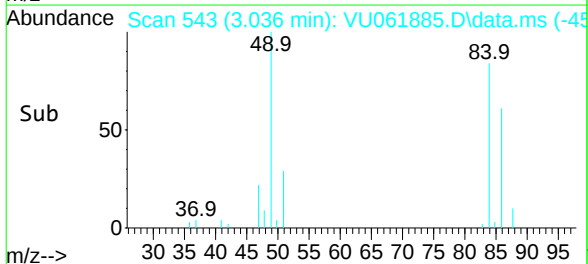
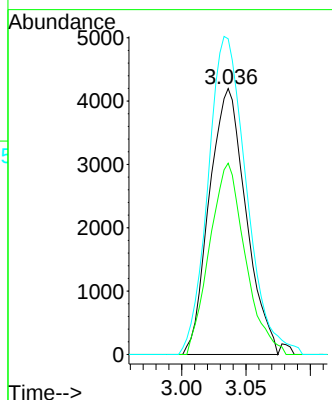
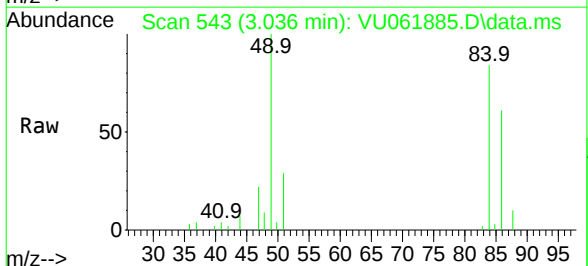




#16
Methylene chloride
Concen: 0.773 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU061885.D
Acq: 20 Nov 2024 23:04

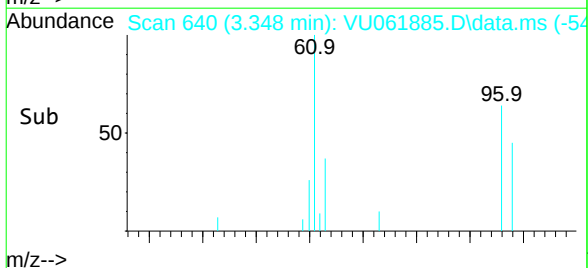
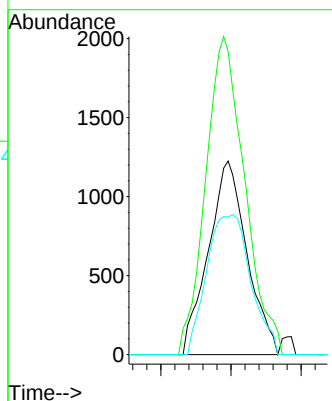
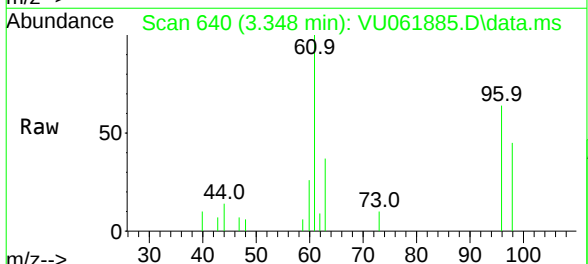
Instrument :
MSVOA_U
ClientSampleId :
BG3Q6DL

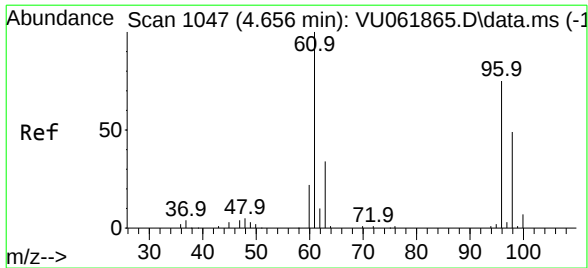
Tgt Ion:	84	Resp:	8313
Ion	Ratio	Lower	Upper
84	100		
86	71.9	43.5	80.7
49	123.4	81.9	152.1



#18
trans-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061885.D
Acq: 20 Nov 2024 23:04

Tgt Ion:	96	Resp:	2343
Ion	Ratio	Lower	Upper
96	100		
61	156.4	104.2	193.4
98	71.1	45.7	84.9

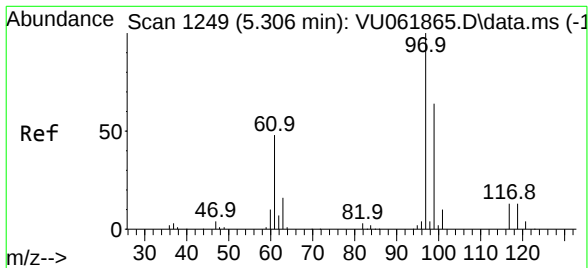
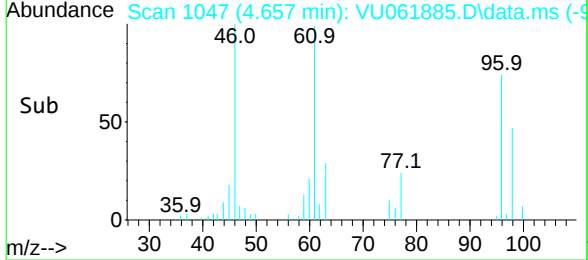
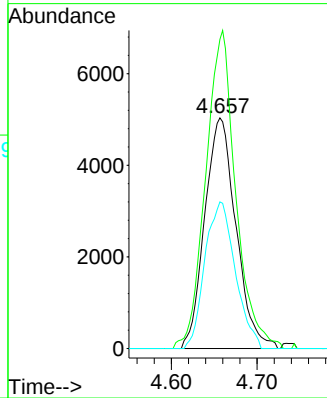
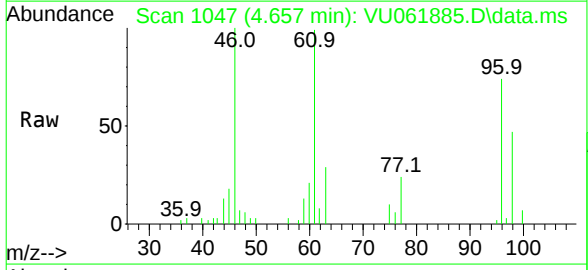




#22
 cis-1,2-Dichloroethene
 Concen: 1.196 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061885.D
 Acq: 20 Nov 2024 23:04

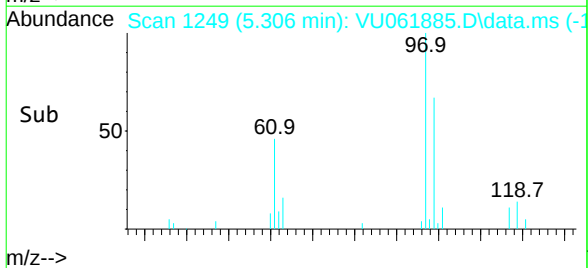
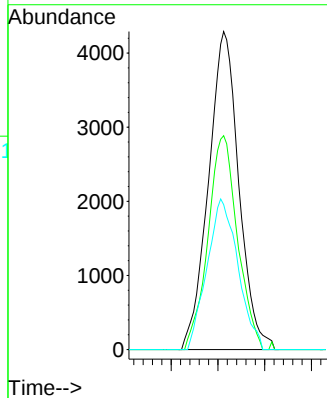
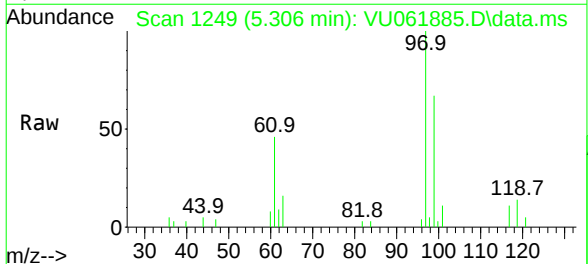
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q6DL

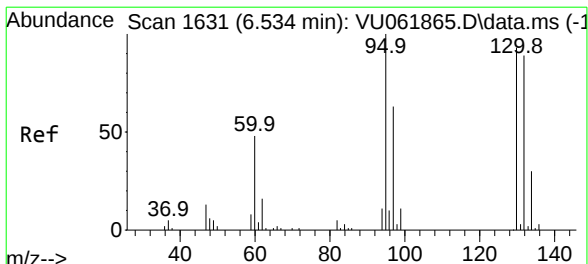
Tgt Ion: 96	Resp: 12748
Ion Ratio	Lower Upper
96 100	
61 134.0	92.0 170.8
98 63.6	44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.626 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061885.D
 Acq: 20 Nov 2024 23:04

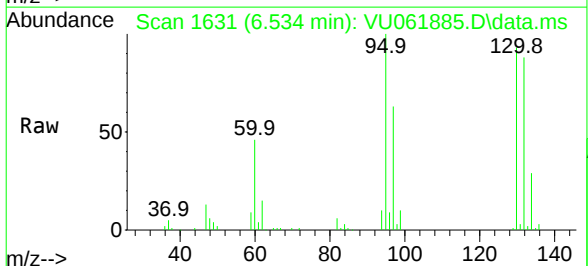
Tgt Ion: 97	Resp: 9678
Ion Ratio	Lower Upper
97 100	
99 65.3	51.4 77.2
61 48.2	37.8 56.6



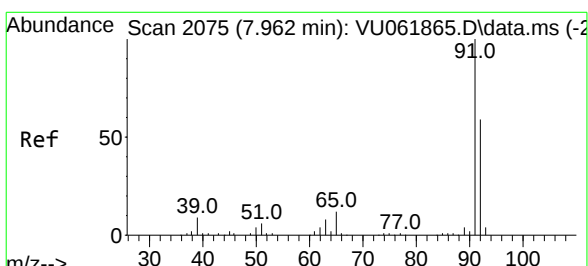
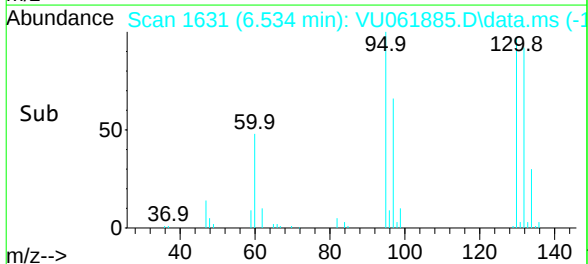
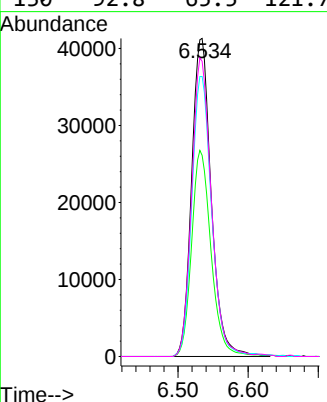


#34
 Trichloroethene
 Concen: 7.403 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061885.D
 Acq: 20 Nov 2024 23:04

Instrument : MSVOA_U
 ClientSampleId : BG3Q6DL

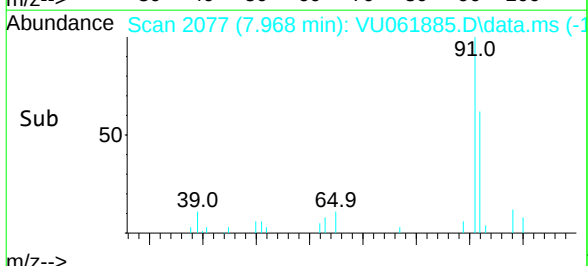
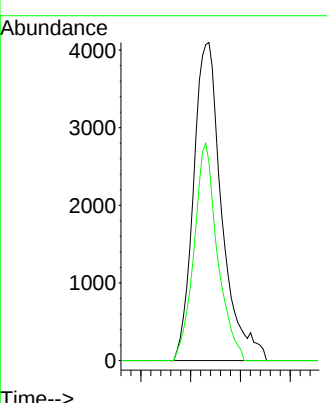
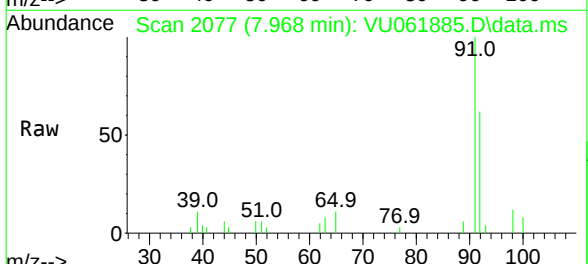


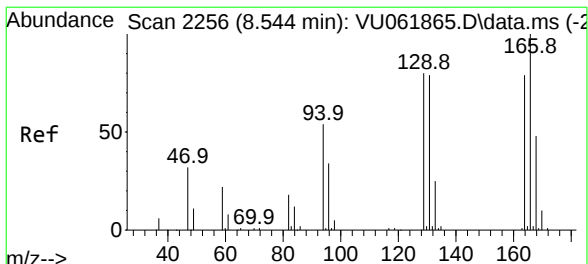
Tgt Ion:	95	Resp:	80095
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.9	85.3
132	88.0	63.8	118.4
130	92.8	65.5	121.7



#42
 Toluene
 Concen: 0.190 ug/L
 RT: 7.968 min Scan# 2077
 Delta R.T. 0.007 min
 Lab File: VU061885.D
 Acq: 20 Nov 2024 23:04

Tgt Ion:	91	Resp:	8083
Ion	Ratio	Lower	Upper
91	100		
92	62.2	39.0	72.4

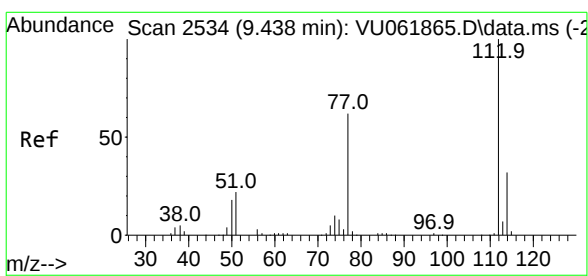
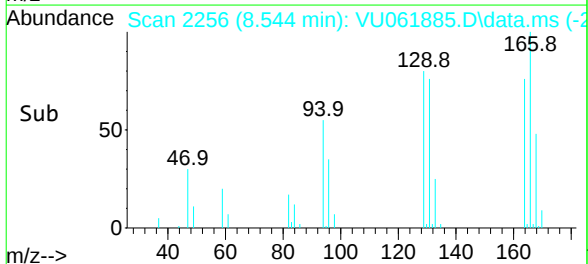
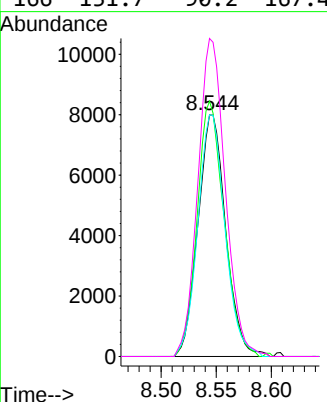
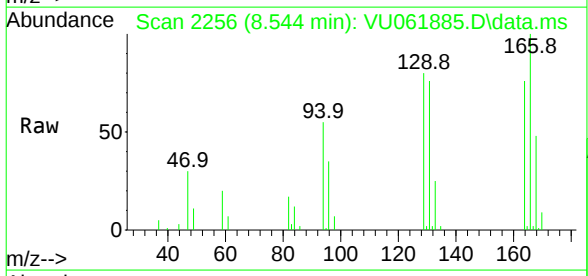




#47
Tetrachloroethene
Concen: 1.773 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061885.D
Acq: 20 Nov 2024 23:04

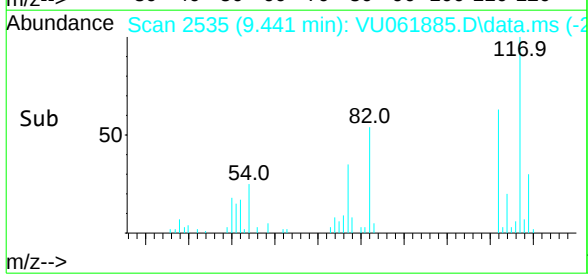
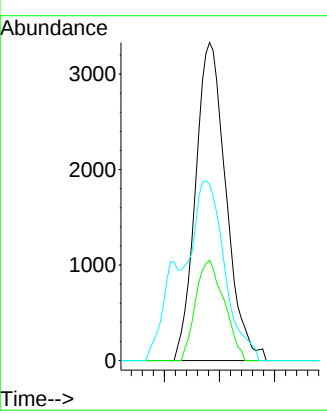
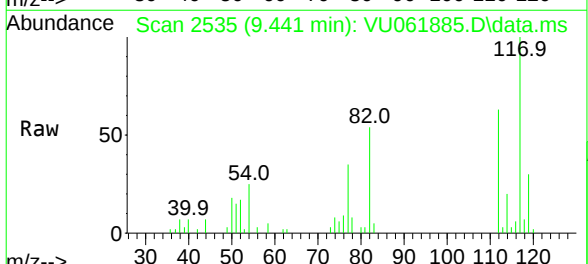
Instrument :
MSVOA_U
ClientSampleId :
BG3Q6DL

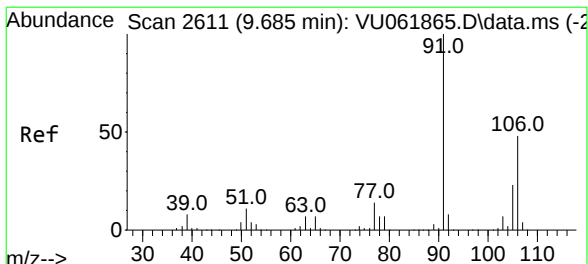
Tgt Ion:	164	Resp:	13950
Ion Ratio	Lower	Upper	
164	100		
129	105.7	73.2	136.0
131	100.0	72.3	134.3
166	131.7	90.2	167.4



#51
Chlorobenzene
Concen: 0.219 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061885.D
Acq: 20 Nov 2024 23:04

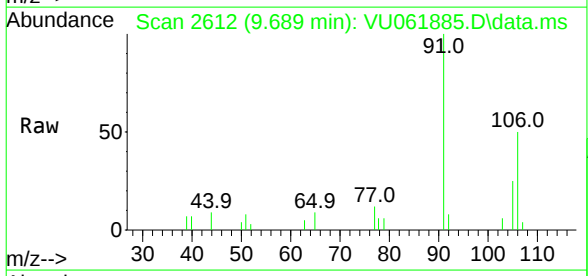
Tgt Ion:	112	Resp:	6393
Ion Ratio	Lower	Upper	
112	100		
114	31.5	23.0	42.6
77	55.6	50.5	75.7





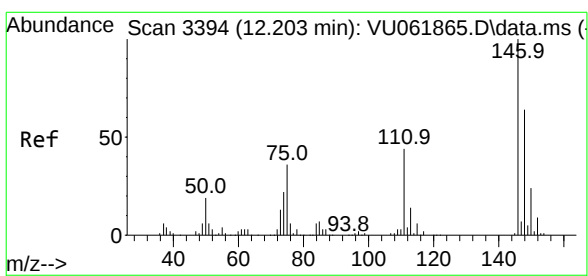
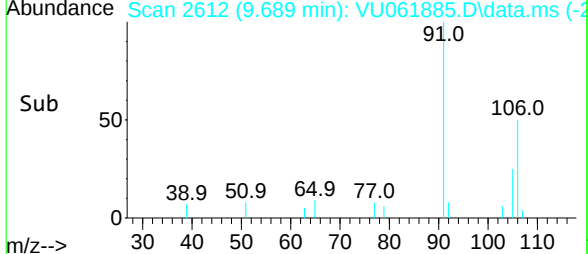
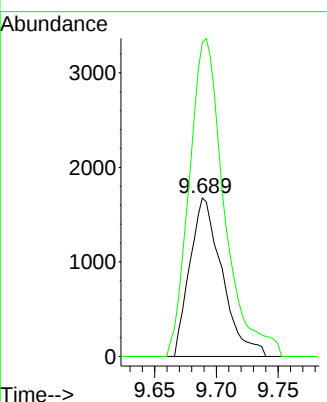
#53
 m,p-Xylene
 Concen: 0.170 ug/L
 RT: 9.689 min Scan# 2611
 Delta R.T. 0.003 min
 Lab File: VU061885.D
 Acq: 20 Nov 2024 23:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q6DL



Tgt Ion: 106 Resp: 3054

Ion	Ratio	Lower	Upper
106	100		
91	198.1	147.6	274.0



#67
 1,2-Dichlorobenzene
 Concen: 0.244 ug/L
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.003 min
 Lab File: VU061885.D
 Acq: 20 Nov 2024 23:04

Tgt Ion: 146 Resp: 3278

Ion	Ratio	Lower	Upper
146	100		
111	46.7	36.0	54.0
148	61.8	52.3	78.5

