

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061991.D
 Acq On : 22 Nov 2024 23:48
 Operator : MD/SY
 Sample : P4903-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG438

Quant Time: Nov 23 00:17:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

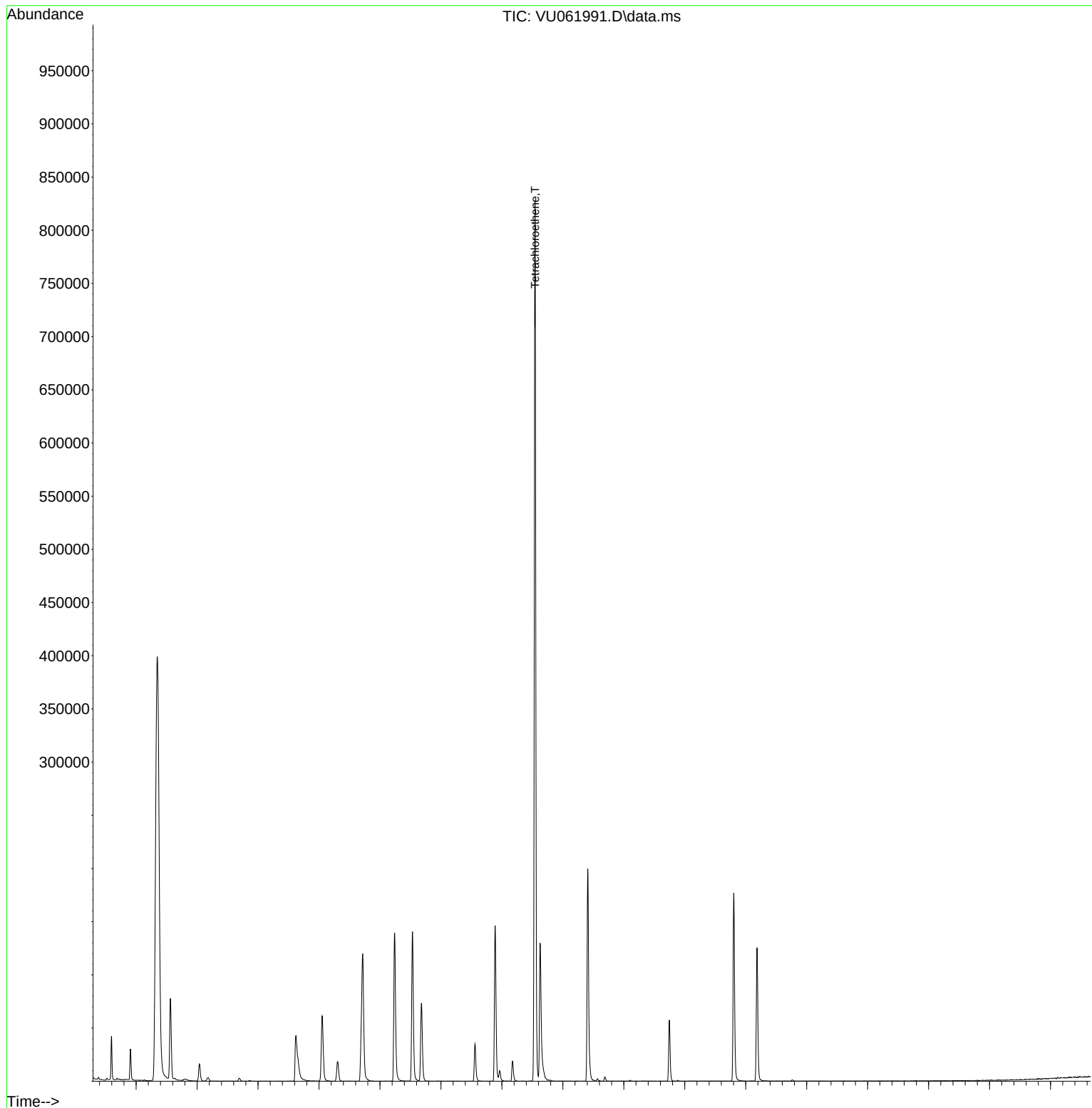
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	120195	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	114092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51431	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28302	4.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.907	69	22182	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.560	65	13504	5.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.600%
20) 2-Butanone-d5	4.618	46	65275	35.257	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.520%
24) Chloroform-d	5.052	84	60910	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.692	65	32665	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.718	84	116768	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.682	67	36563	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.891	98	104450	5.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	8.174	79	13047	4.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.627	63	44959	35.226	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.460%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29076	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	36871	4.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	4972	0.617	ug/L	# 1
16) Methylene chloride	3.039	84	8590	0.888	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	4398	0.459	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	15049	1.144	ug/L	94
34) Trichloroethene	6.534	95	51218	5.570	ug/L	99
42) Toluene	7.962	91	8116	0.224	ug/L	96
47) Tetrachloroethene	8.544	164	182160	27.236	ug/L	97

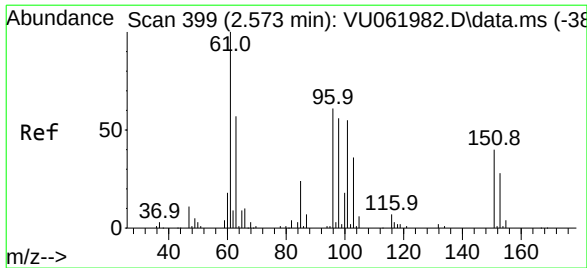
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
Data File : VU061991.D
Acq On : 22 Nov 2024 23:48
Operator : MD/SY
Sample : P4903-19
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG438

Quant Time: Nov 23 00:17:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 00:14:12 2024
Response via : Initial Calibration

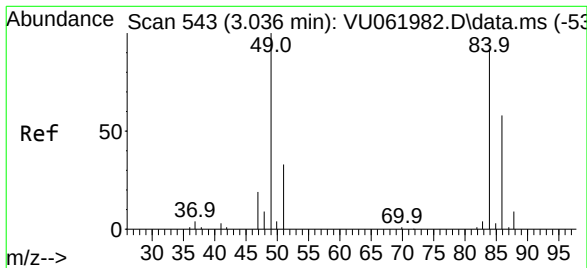
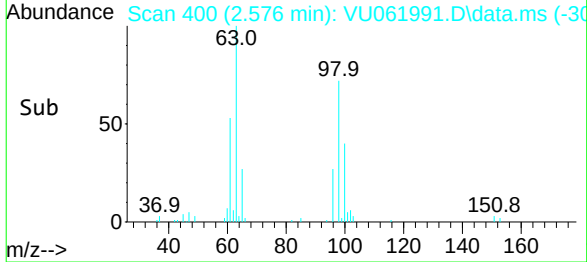
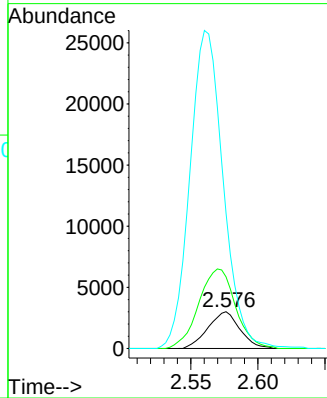
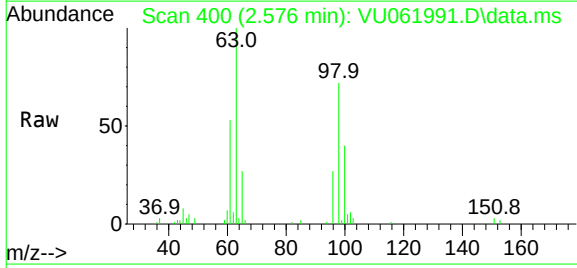




#12
1,1-Dichloroethene
Concen: 0.617 ug/L
RT: 2.576 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU061991.D
Acq: 22 Nov 2024 23:48

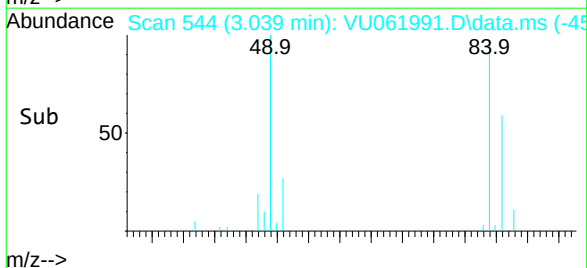
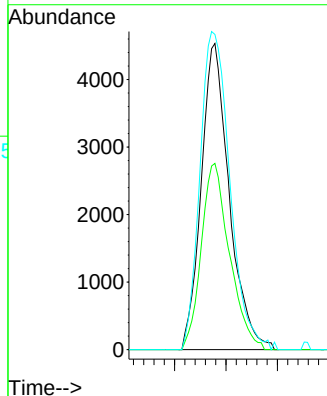
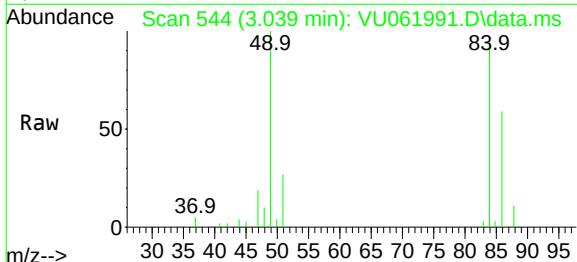
Instrument :
MSVOA_U
ClientSampleId :
BG438

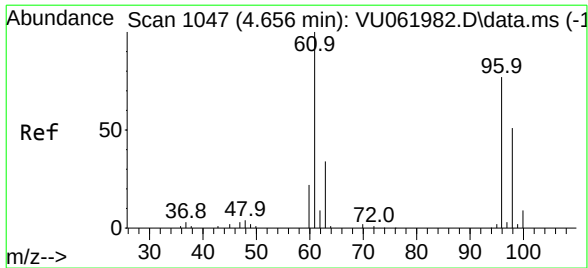
Tgt Ion: 96 Resp: 4972
Ion Ratio Lower Upper
96 100
61 194.9 119.6 222.2
63 368.5 65.0 120.6#



#16
Methylene chloride
Concen: 0.888 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061991.D
Acq: 22 Nov 2024 23:48

Tgt Ion: 84 Resp: 8590
Ion Ratio Lower Upper
84 100
86 60.8 43.5 80.7
49 103.0 81.9 152.1

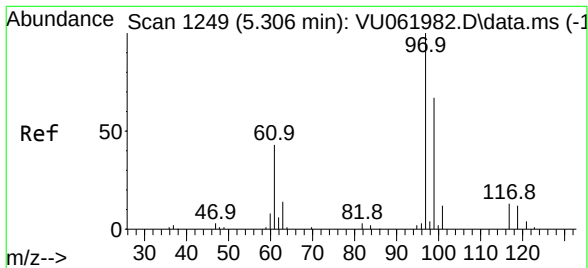
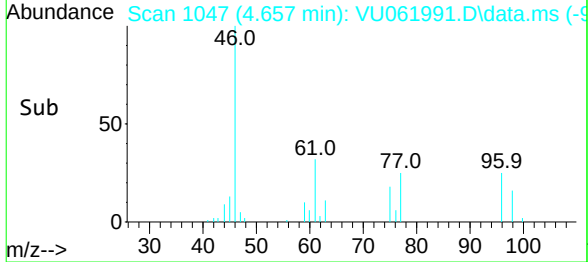
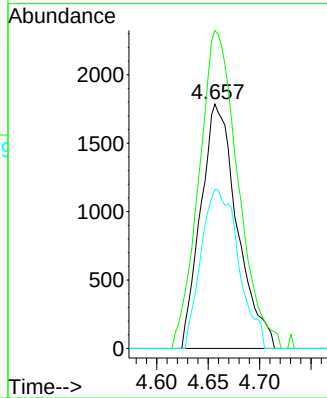
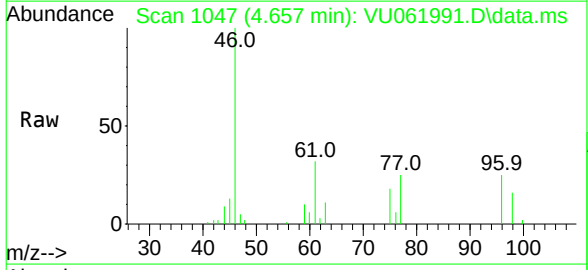




#22
 cis-1,2-Dichloroethene
 Concen: 0.459 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061991.D
 Acq: 22 Nov 2024 23:48

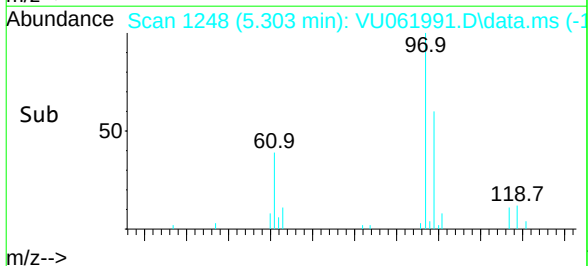
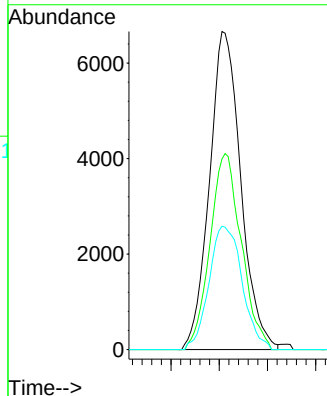
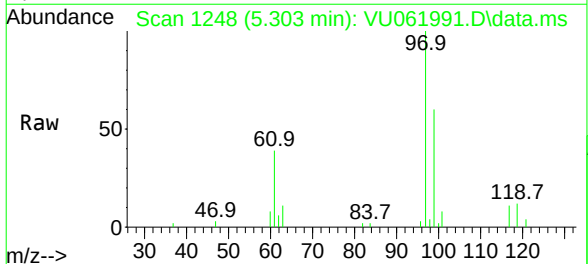
Instrument :
 MSVOA_U
 ClientSampleId :
 BG438

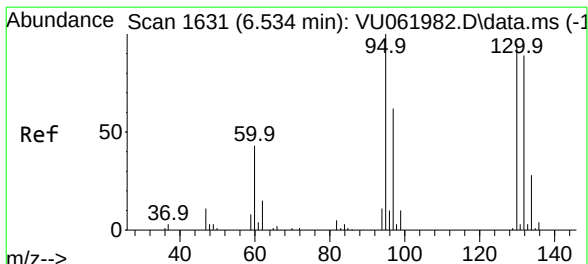
Tgt Ion: 96	Resp: 4398
Ion Ratio	Lower Upper
96 100	
61 130.1	92.0 170.8
98 65.1	44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 1.144 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. -0.003 min
 Lab File: VU061991.D
 Acq: 22 Nov 2024 23:48

Tgt Ion: 97	Resp: 15049
Ion Ratio	Lower Upper
97 100	
99 61.5	51.4 77.2
61 41.0	37.8 56.6

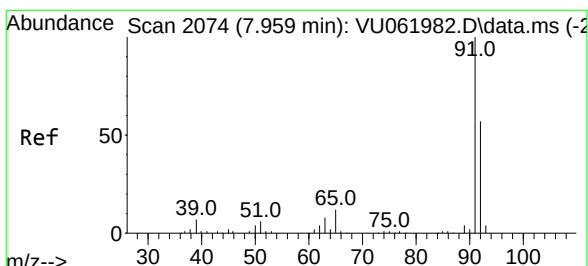
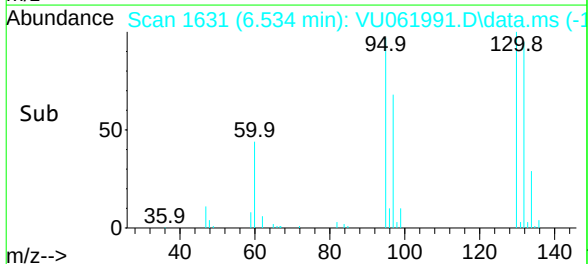
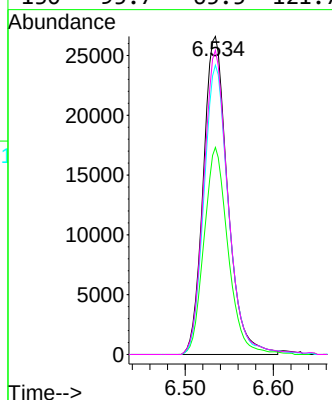
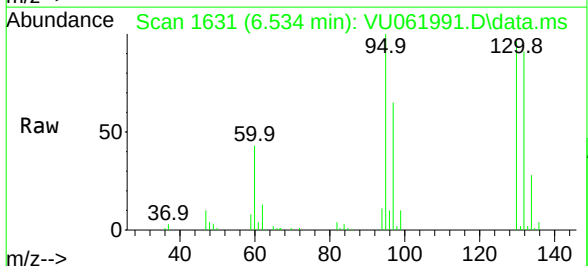




#34
 Trichloroethene
 Concen: 5.570 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061991.D
 Acq: 22 Nov 2024 23:48

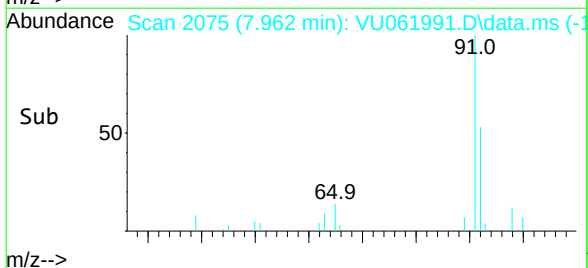
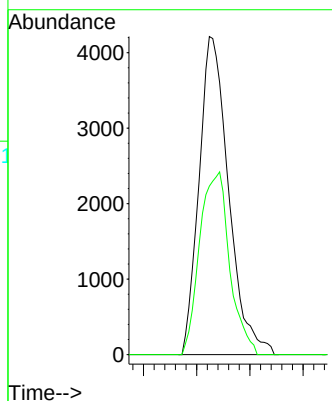
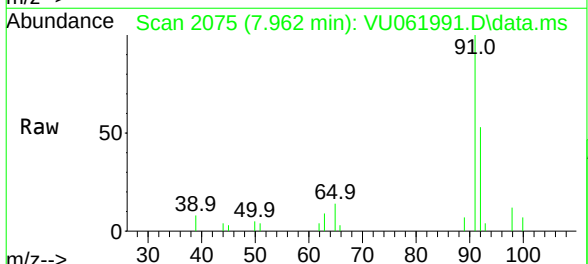
Instrument :
 MSVOA_U
 ClientSampleId :
 BG438

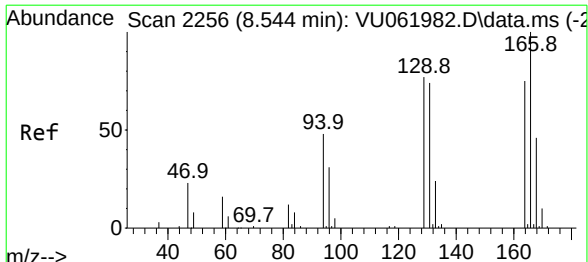
Tgt Ion:	95	Resp:	51218
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	91.0	63.8	118.4
130	95.7	65.5	121.7



#42
 Toluene
 Concen: 0.224 ug/L
 RT: 7.962 min Scan# 2075
 Delta R.T. 0.003 min
 Lab File: VU061991.D
 Acq: 22 Nov 2024 23:48

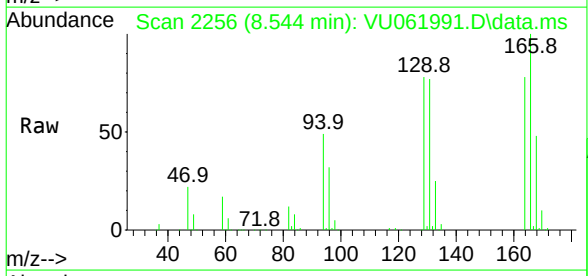
Tgt Ion:	91	Resp:	8116
Ion	Ratio	Lower	Upper
91	100		
92	53.0	39.0	72.4





#47
 Tetrachloroethene
 Concen: 27.236 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU061991.D
 Acq: 22 Nov 2024 23:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BG438



Tgt Ion:	164	Resp:	182160
Ion	Ratio	Lower	Upper
164	100		
129	100.4	73.2	136.0
131	98.5	72.3	134.3
166	128.5	90.2	167.4

