

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061981.D
 Acq On : 22 Nov 2024 18:55
 Operator : MD/SY
 Sample : P4903-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG404

Quant Time: Nov 22 22:48:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 22:40:46 2024
 Response via : Initial Calibration

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

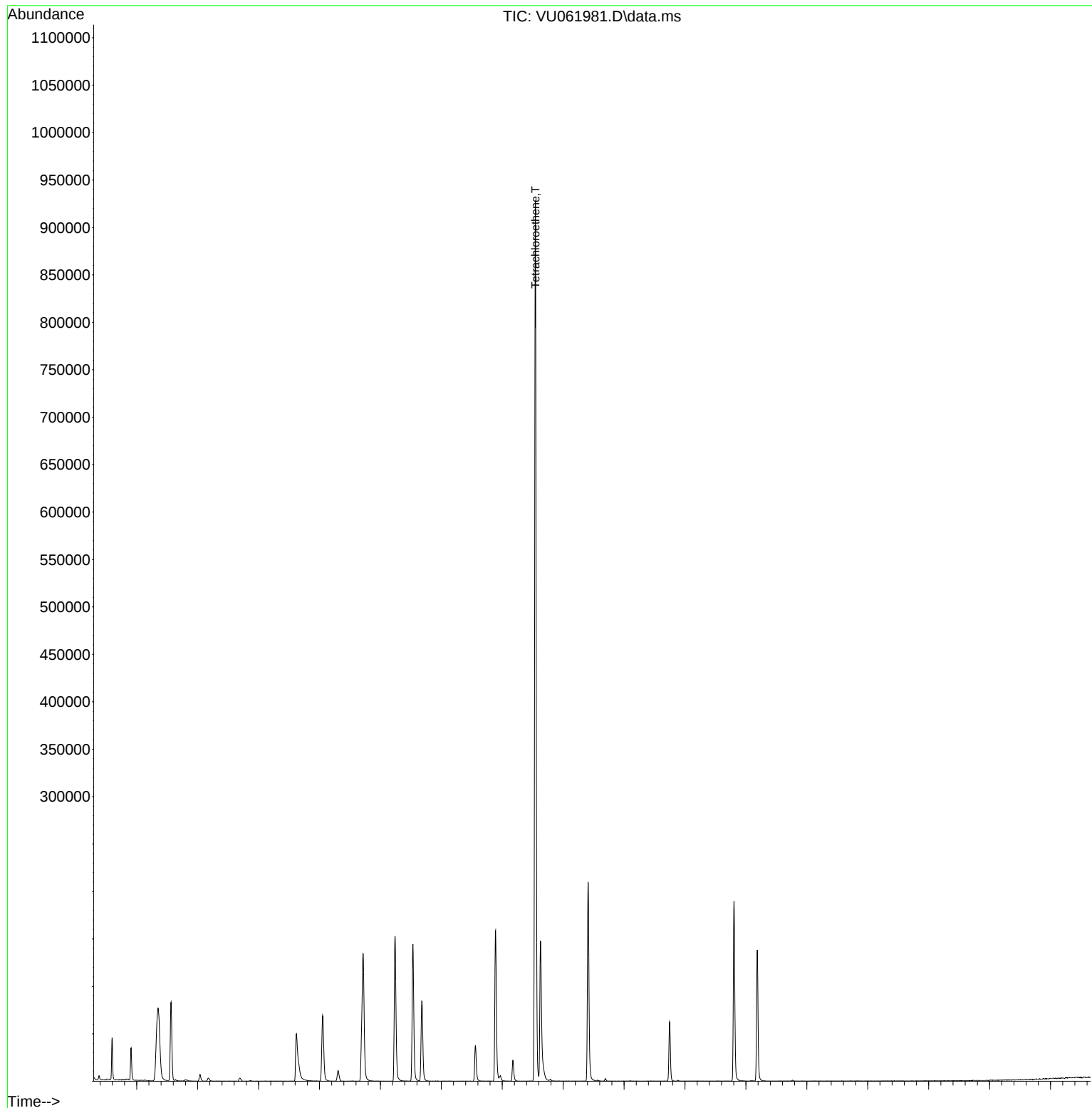
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	130104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	122851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30750	4.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.908	69	25353	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	14531	5.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.000%
20) 2-Butanone-d5	4.618	46	77446	38.645	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.300%
24) Chloroform-d	5.052	84	68749	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.692	65	36812	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.718	84	131595	5.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	6.682	67	43230	5.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.891	98	113552	5.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	8.174	79	14533	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.627	63	52667	38.323	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.640%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32248	3.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	39261	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
2) Dichlorodifluoromethane	1.383	85	2532	0.222	ug/L	97
12) 1,1-Dichloroethene	2.573	96	5310	0.609	ug/L #	1
16) Methylene chloride	3.039	84	3717	0.355	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	3522	0.339	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	8911	0.629	ug/L	95
34) Trichloroethene	6.534	95	52600	5.312	ug/L	98
47) Tetrachloroethene	8.544	164	206204	28.633	ug/L	96

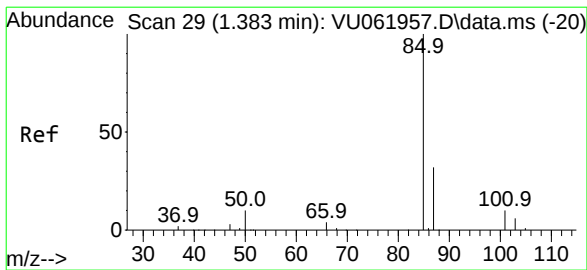
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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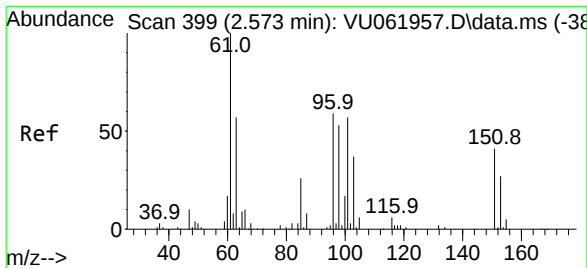
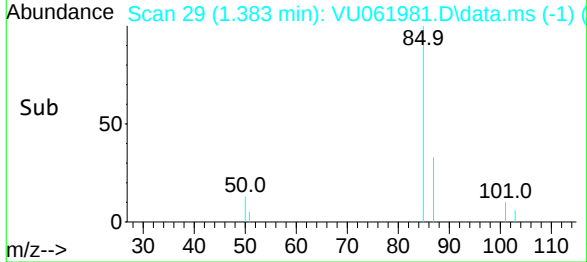
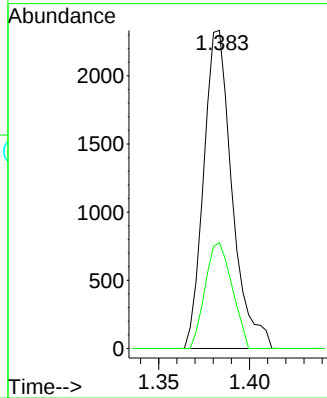
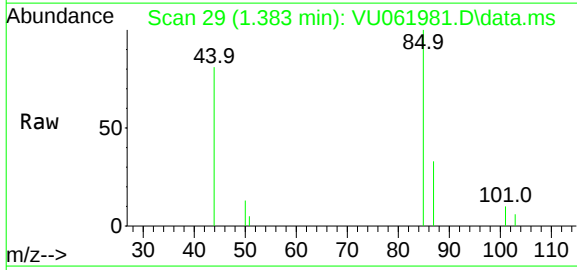




#2
 Dichlorodifluoromethane
 Concen: 0.222 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061981.D
 Acq: 22 Nov 2024 18:55

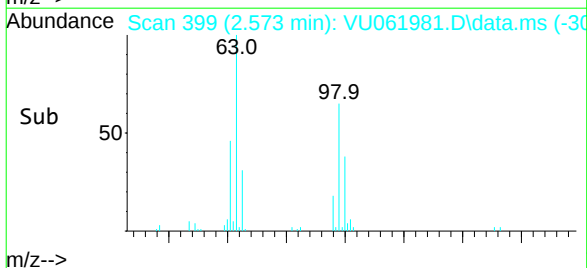
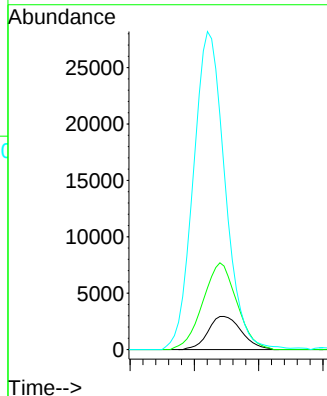
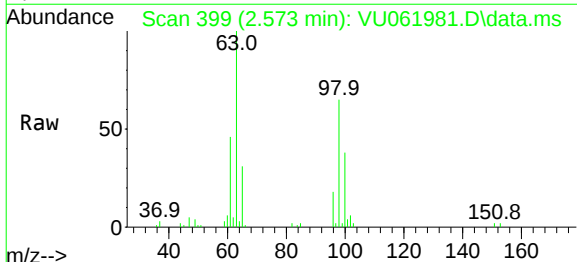
Instrument :
 MSVOA_U
 ClientSampleId :
 BG404

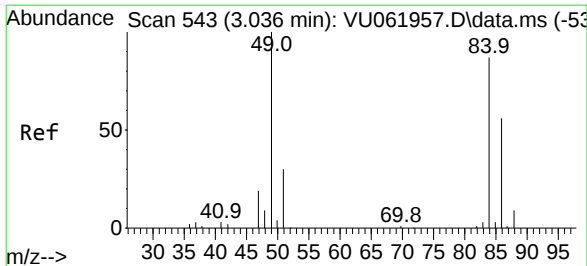
Tgt Ion: 85 Resp: 2532
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.6 40.0



#12
 1,1-Dichloroethene
 Concen: 0.609 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061981.D
 Acq: 22 Nov 2024 18:55

Tgt Ion: 96 Resp: 5310
 Ion Ratio Lower Upper
 96 100
 61 252.3 119.6 222.2#
 63 545.5 65.0 120.6#





#16

Methylene chloride

Concen: 0.355 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU061981.D

Acq: 22 Nov 2024 18:55

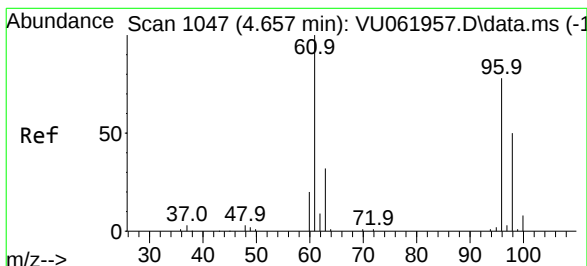
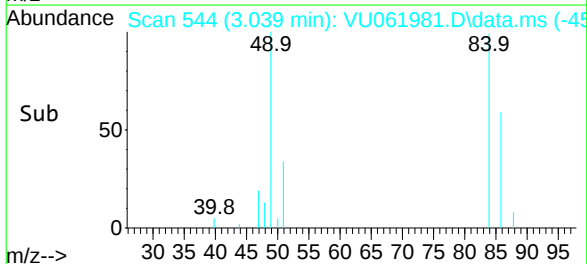
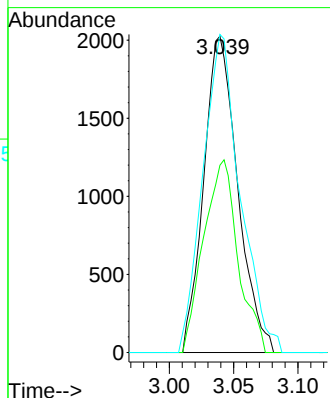
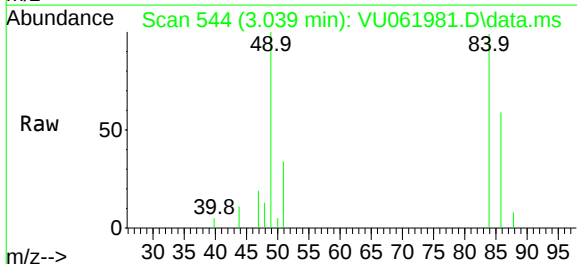
Instrument :

MSVOA_U

ClientSampleId :

BG404

Tgt Ion:	84	Resp:	3717
Ion	Ratio	Lower	Upper
84	100		
86	59.2	43.5	80.7
49	100.5	81.9	152.1



#22

cis-1,2-Dichloroethene

Concen: 0.339 ug/L

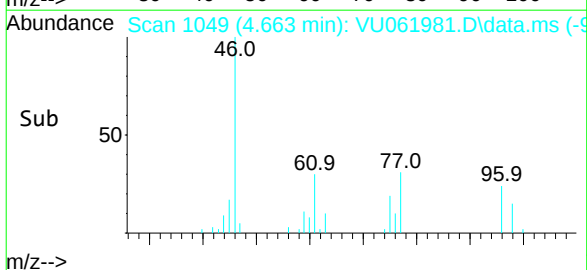
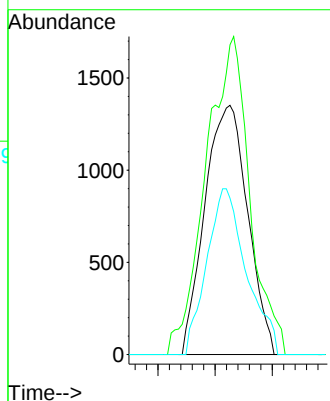
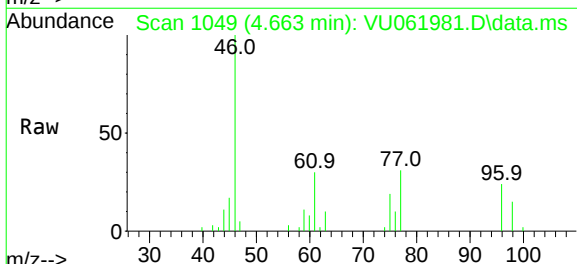
RT: 4.663 min Scan# 1049

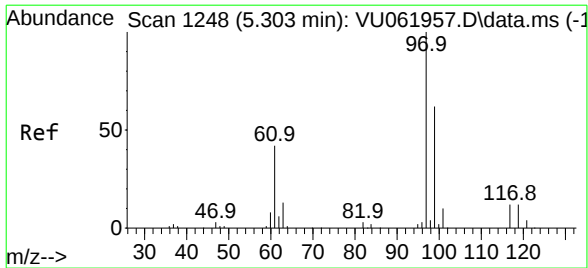
Delta R.T. 0.006 min

Lab File: VU061981.D

Acq: 22 Nov 2024 18:55

Tgt Ion:	96	Resp:	3522
Ion	Ratio	Lower	Upper
96	100		
61	124.3	92.0	170.8
98	62.7	44.5	82.7

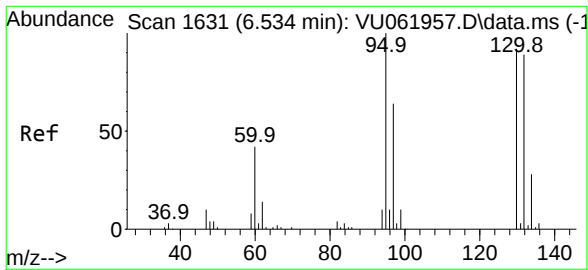
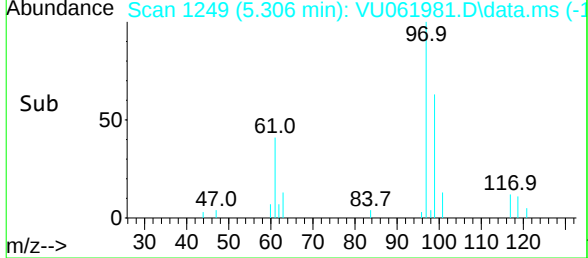
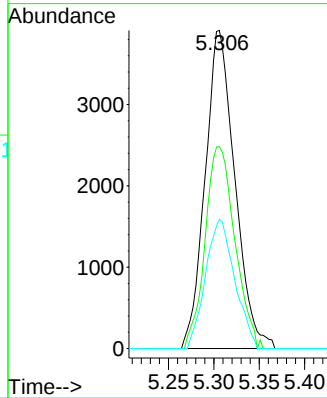
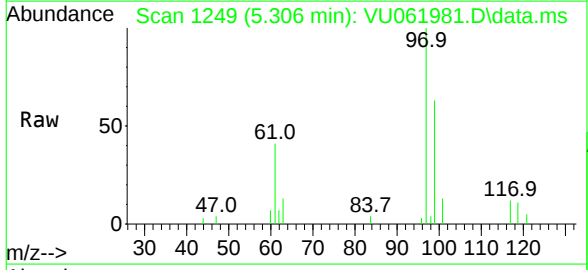




#29
1,1,1-Trichloroethane
Concen: 0.629 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061981.D
Acq: 22 Nov 2024 18:55

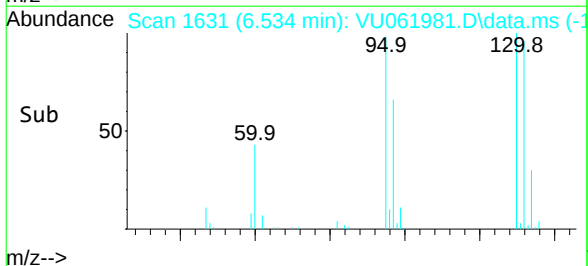
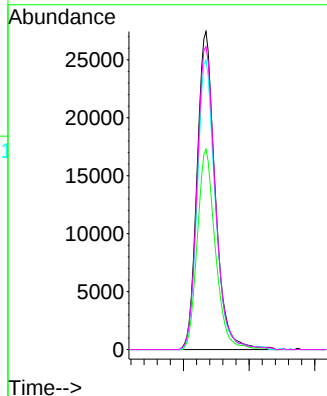
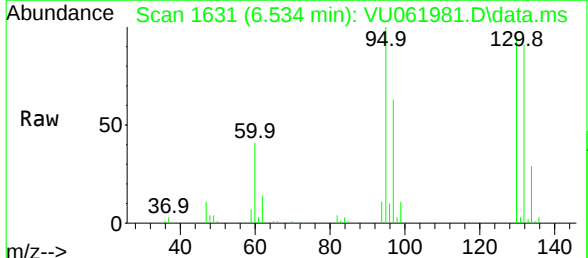
Instrument :
MSVOA_U
ClientSampleId :
BG404

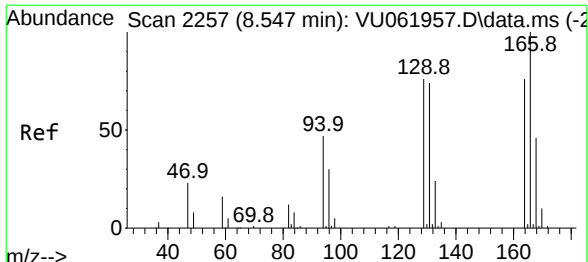
Tgt Ion:	97	Resp:	8911
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.2
61	39.8	37.8	56.6



#34
Trichloroethene
Concen: 5.312 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061981.D
Acq: 22 Nov 2024 18:55

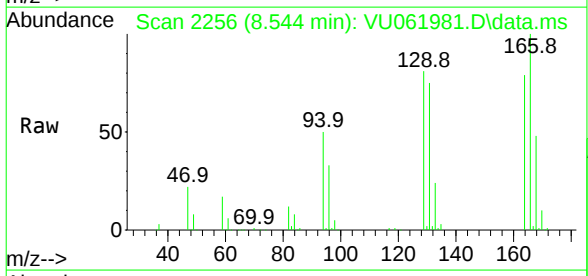
Tgt Ion:	95	Resp:	52600
Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.9	85.3
132	91.1	63.8	118.4
130	95.2	65.5	121.7





#47
 Tetrachloroethene
 Concen: 28.633 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. -0.003 min
 Lab File: VU061981.D
 Acq: 22 Nov 2024 18:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BG404



Tgt Ion:	164	Resp:	206204
Ion Ratio	Lower	Upper	
164	100		
129	102.4	73.2	136.0
131	95.3	72.3	134.3
166	126.8	90.2	167.4

