

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112324\
 Data File : VU062012.D
 Acq On : 23 Nov 2024 16:36
 Operator : MD/SY
 Sample : P4904-01DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG411DL

Quant Time: Nov 25 01:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

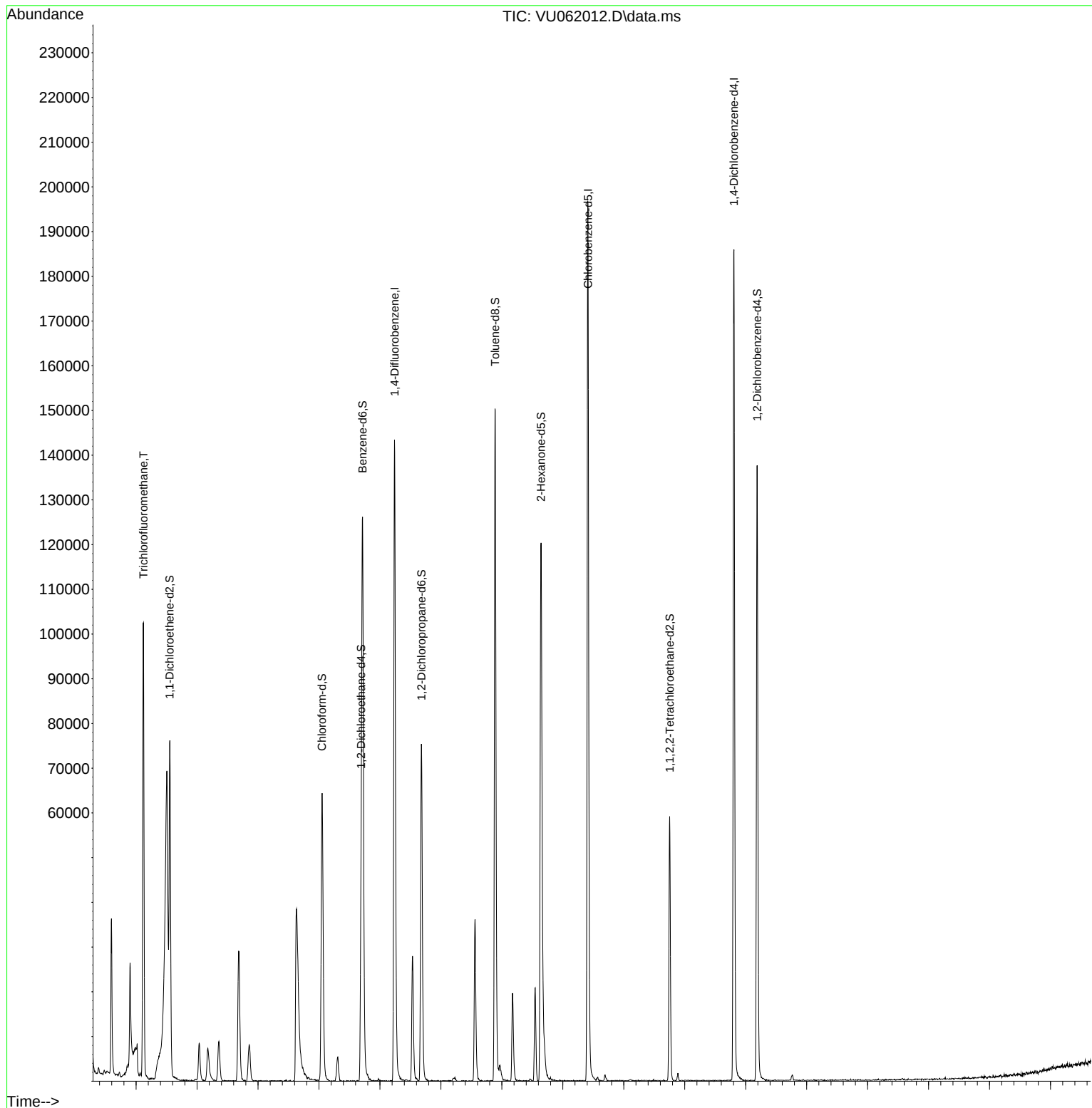
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	120608	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	114567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27177	4.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.901	69	16742	3.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.551	65	13764	5.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.400%
20) 2-Butanone-d5	4.628	46	66460	35.774	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.540%
24) Chloroform-d	5.049	84	65064	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	33068	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.714	84	119918	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.679	67	38075	5.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.891	98	109118	5.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
43) trans-1,3-Dichloroprop...	8.174	79	13556	4.828	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.640	63	49291	38.460	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	29132	3.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	38414	4.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
9) Trichlorofluoromethane	2.120	101	69705	4.931	ug/L	100
16) Methylene chloride	3.033	84	4968	0.512	ug/L	86
17) Methyl tert-butyl Ether	3.358	73	10553	0.509	ug/L	99
19) 1,1-Dichloroethane	3.856	63	9057	0.544	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	4742	0.359	ug/L #	84
34) Trichloroethene	6.534	95	10107	1.095	ug/L	95
47) Tetrachloroethene	8.544	164	4910	0.731	ug/L	97

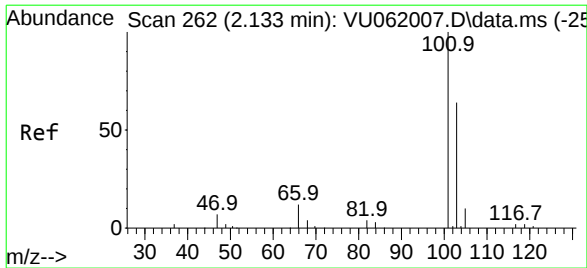
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 25 01:25:39 2024
Response via : Initial Calibration

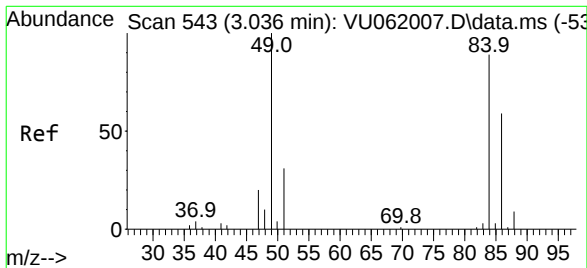
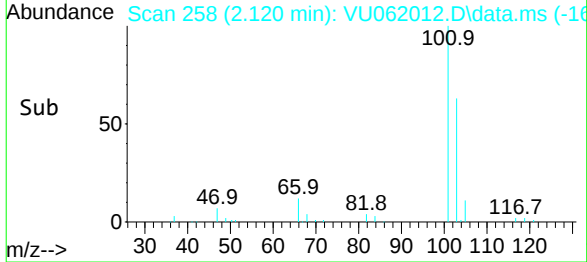
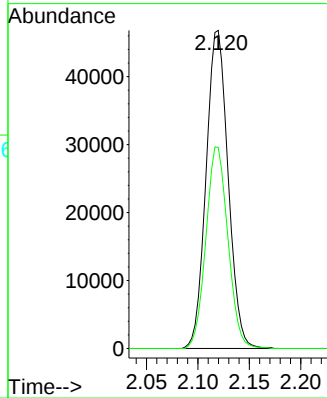
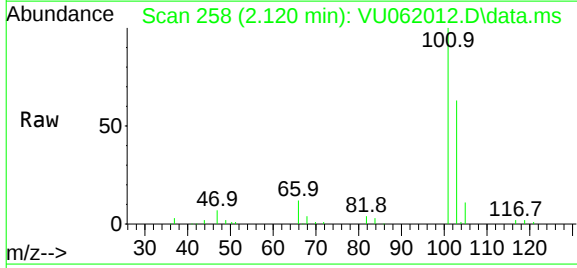




#9
 Trichlorofluoromethane
 Concen: 4.931 ug/L
 RT: 2.120 min Scan# 25
 Delta R.T. -0.013 min
 Lab File: VU062012.D
 Acq: 23 Nov 2024 16:36

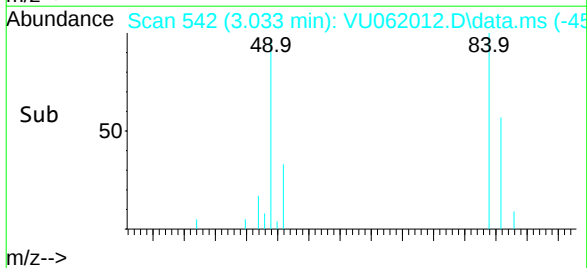
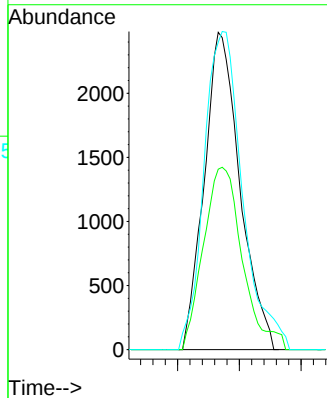
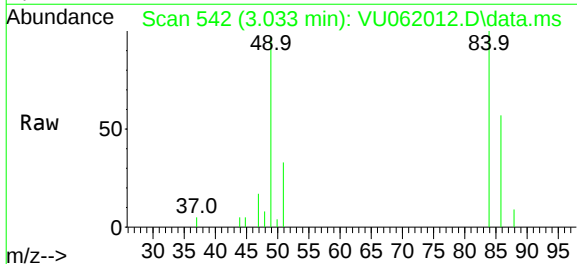
Instrument :
 MSVOA_U
 ClientSampleId :
 BG411DL

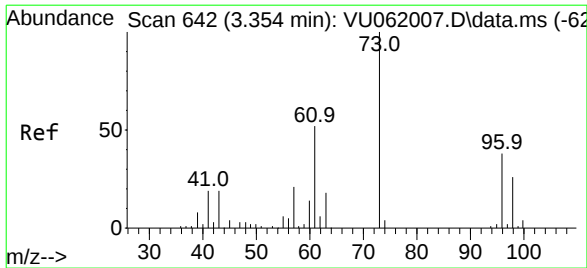
Tgt Ion: 101 Resp: 69705
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 75.8



#16
 Methylene chloride
 Concen: 0.512 ug/L
 RT: 3.033 min Scan# 542
 Delta R.T. -0.003 min
 Lab File: VU062012.D
 Acq: 23 Nov 2024 16:36

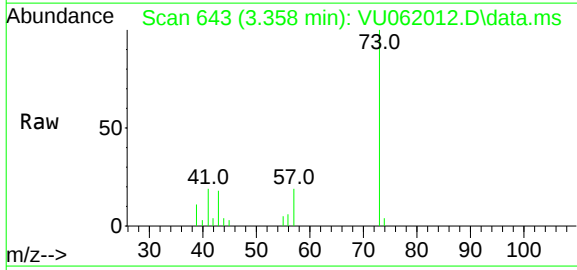
Tgt Ion: 84 Resp: 4968
 Ion Ratio Lower Upper
 84 100
 86 56.9 43.5 80.7
 49 96.8 81.9 152.1



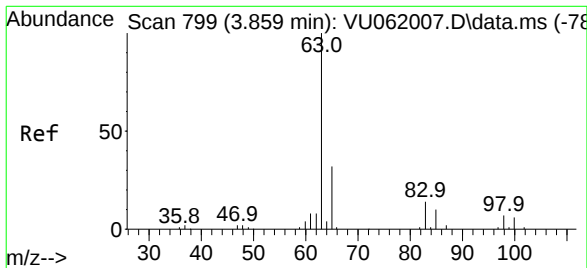
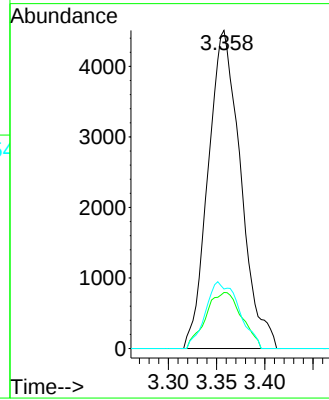
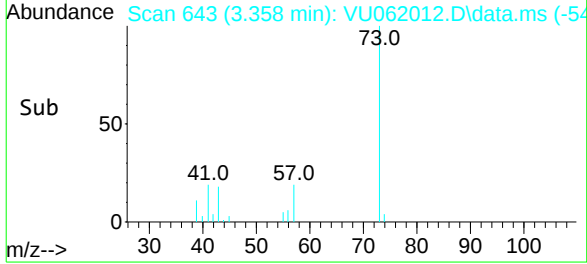


Methyl tert-butyl Ether
 Concen: 0.509 ug/L
 RT: 3.358 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU062012.D
 Acq: 23 Nov 2024 16:36

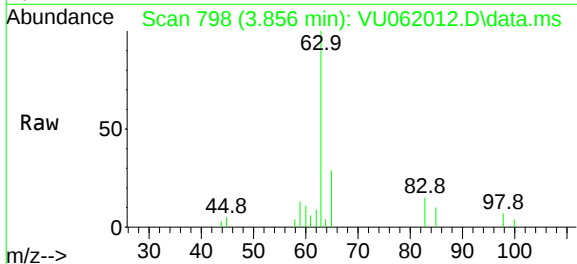
Instrument :
 MSVOA_U
 ClientSampleId :
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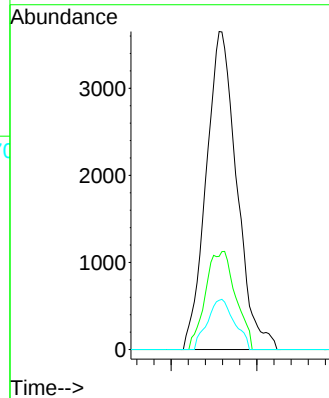
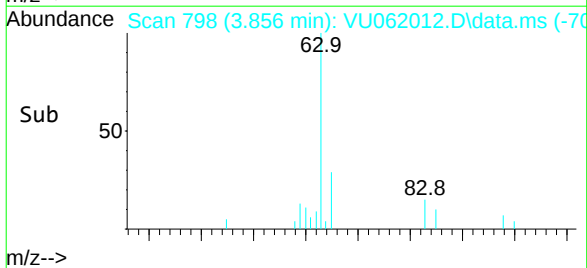
Tgt Ion:	73	Resp:	10553
Ion	Ratio	Lower	Upper
73	100		
43	19.5	16.3	24.5
57	21.7	17.1	25.7

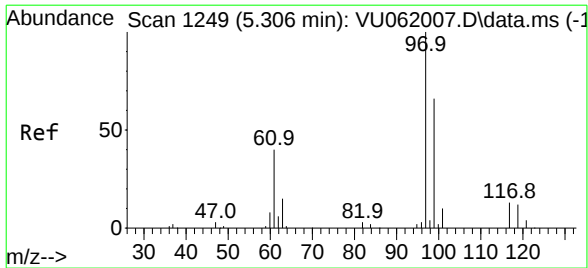


1,1-Dichloroethane
 Concen: 0.544 ug/L
 RT: 3.856 min Scan# 798
 Delta R.T. -0.003 min
 Lab File: VU062012.D
 Acq: 23 Nov 2024 16:36



Tgt Ion:	63	Resp:	9057
Ion	Ratio	Lower	Upper
63	100		
65	28.1	22.7	42.3
83	14.9	9.9	18.3

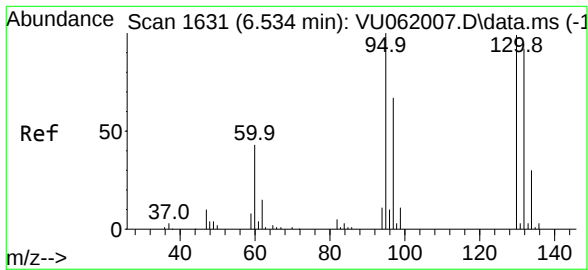
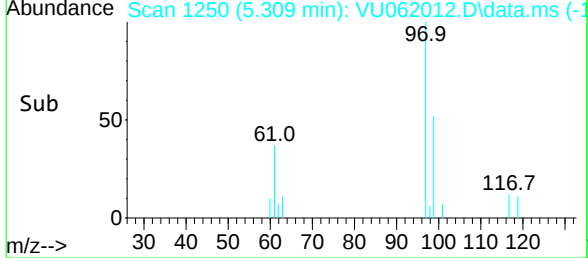
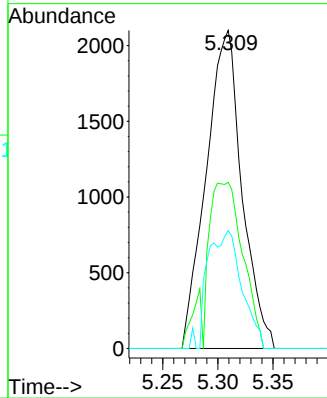
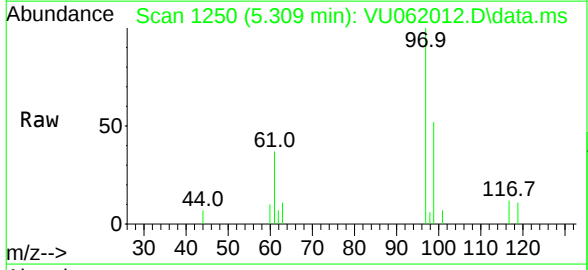




#29
1,1,1-Trichloroethane
Concen: 0.359 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU062012.D
Acq: 23 Nov 2024 16:36

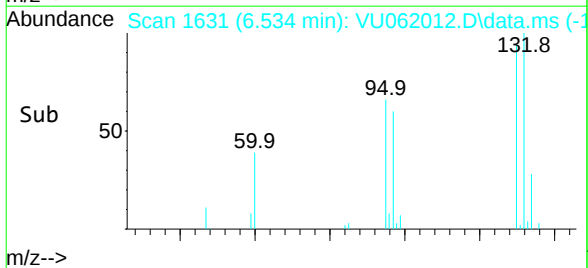
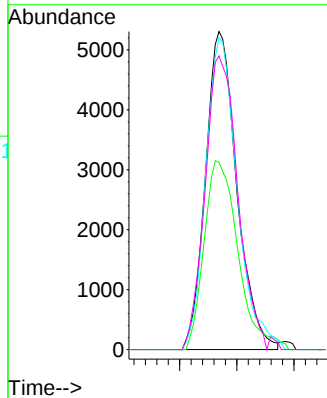
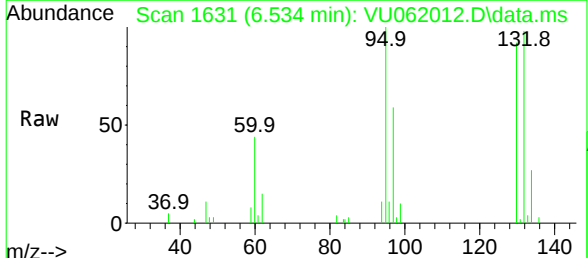
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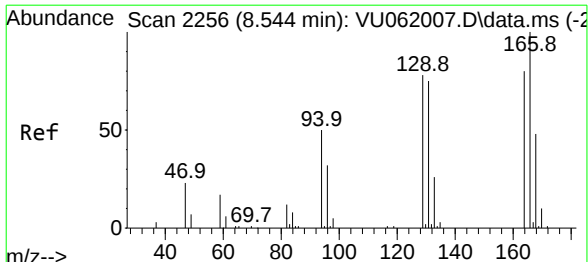
Tgt Ion:	97	Resp:	4742
Ion	Ratio	Lower	Upper
97	100		
99	53.2	51.4	77.2
61	35.3	37.8	56.6



#34
Trichloroethene
Concen: 1.095 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062012.D
Acq: 23 Nov 2024 16:36

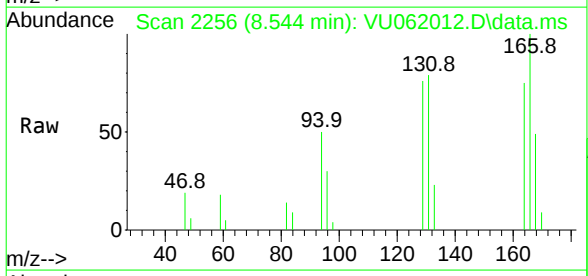
Tgt Ion:	95	Resp:	10107
Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.9	85.3
132	98.1	63.8	118.4
130	92.3	65.5	121.7





#47
 Tetrachloroethene
 Concen: 0.731 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU062012.D
 Acq: 23 Nov 2024 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	164	Resp:	4910
Ion	Ratio	Lower	Upper
164	100		
129	101.4	73.2	136.0
131	106.0	72.3	134.3
166	133.9	90.2	167.4

