

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU062000.D
 Acq On : 23 Nov 2024 03:29
 Operator : MD/SY
 Sample : P4904-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG425

Quant Time: Nov 23 03:40:49 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)

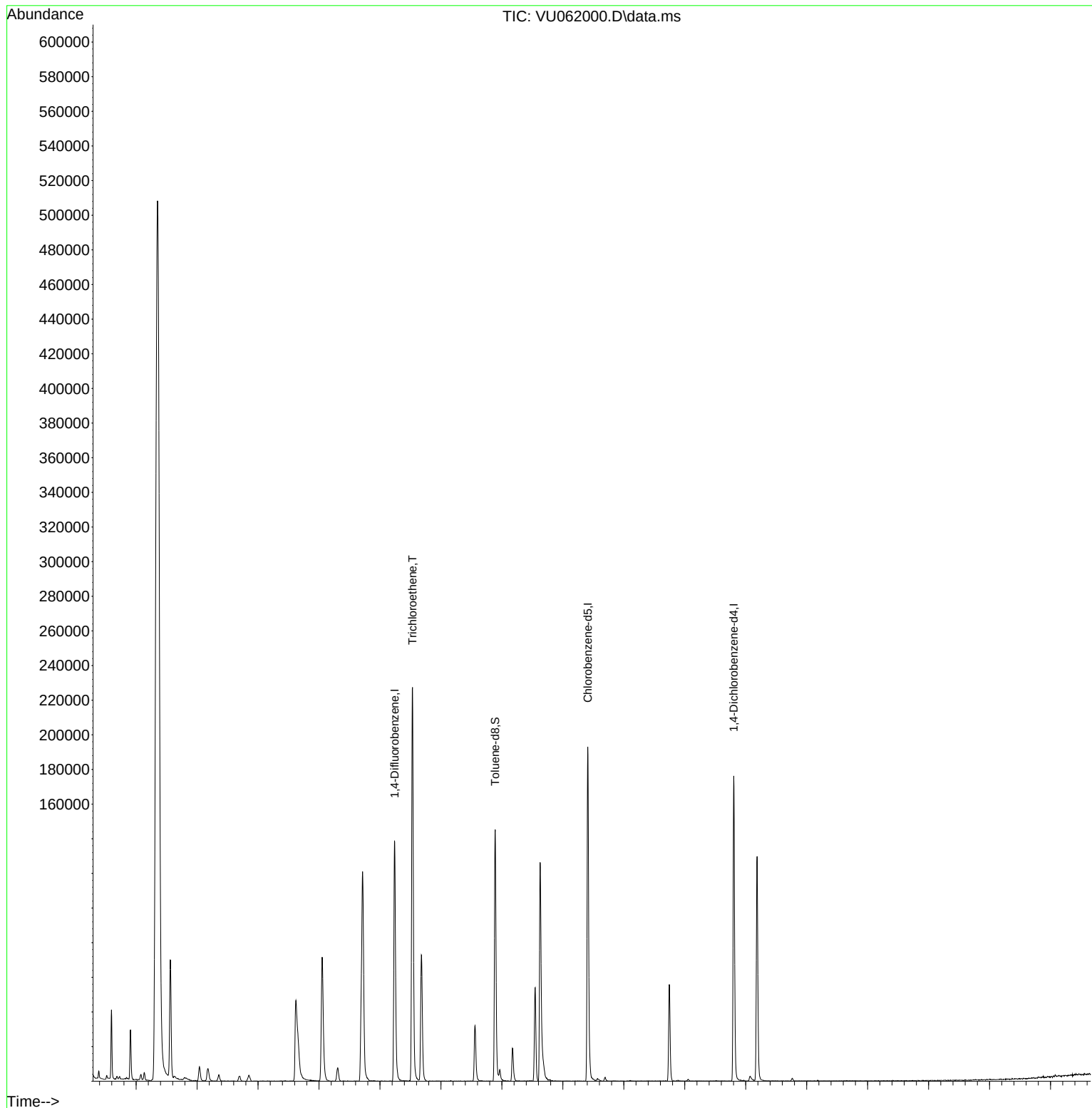
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	118412	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	111136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27625	4.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.907	69	21476	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.560	65	13265	5.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.400%
20) 2-Butanone-d5	4.618	46	64870	35.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.140%
24) Chloroform-d	5.052	84	61917	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.692	65	32279	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.717	84	118299	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	6.679	67	36827	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.891	98	104104	5.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
43) trans-1,3-Dichloroprop...	8.174	79	12842	4.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.627	63	44288	35.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28943	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	36695	4.883	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
9) Trichlorofluoromethane	2.132	101	2963	0.214	ug/L	90
16) Methylene chloride	3.039	84	4690	0.492	ug/L	87
17) Methyl tert-butyl Ether	3.357	73	4048	0.199	ug/L #	87
22) cis-1,2-Dichloroethene	4.656	96	7230	0.765	ug/L	94
25) Chloroform	5.081	83	4038	0.236	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	6309	0.493	ug/L	96
34) Trichloroethene	6.531	95	82883	9.253	ug/L	98
47) Tetrachloroethene	8.547	164	12301	1.888	ug/L	95

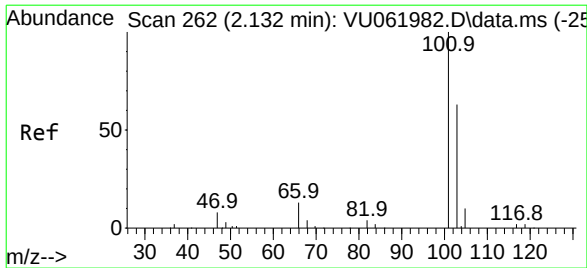
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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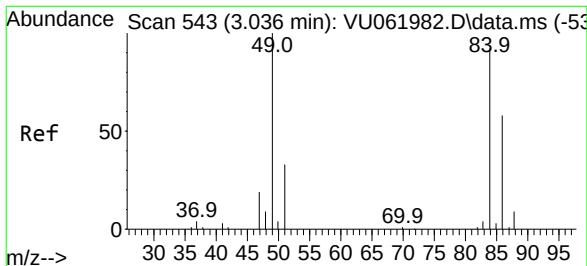
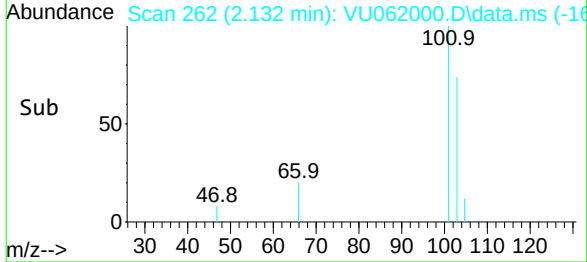
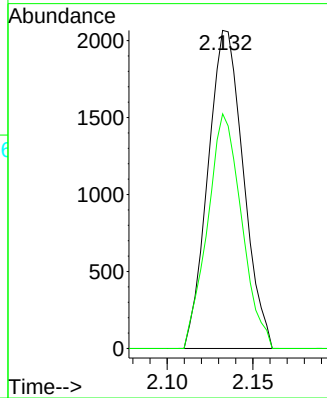
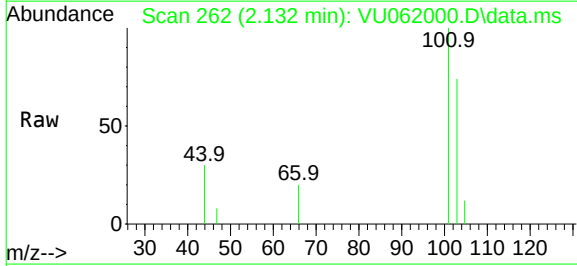




#9
Trichlorofluoromethane
Concen: 0.214 ug/L
RT: 2.132 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU062000.D
Acq: 23 Nov 2024 03:29

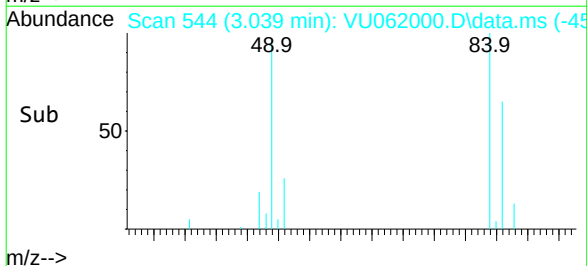
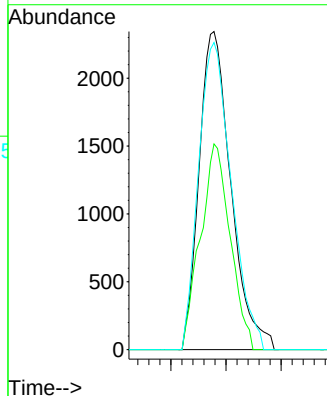
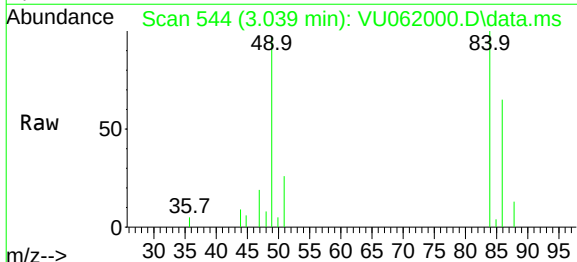
Instrument :
MSVOA_U
ClientSampleId :
BG425

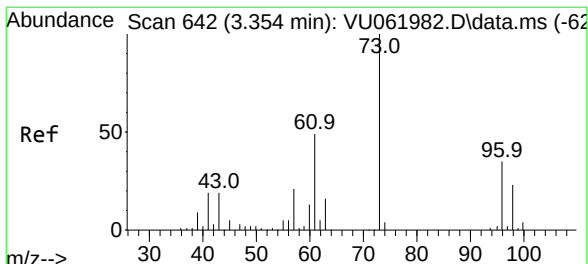
Tgt Ion:101 Resp: 2963
Ion Ratio Lower Upper
101 100
103 71.1 50.6 75.8



#16
Methylene chloride
Concen: 0.492 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062000.D
Acq: 23 Nov 2024 03:29

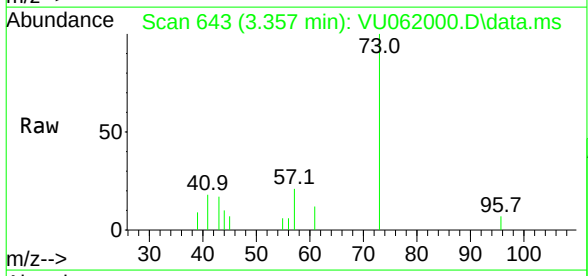
Tgt Ion: 84 Resp: 4690
Ion Ratio Lower Upper
84 100
86 64.7 43.5 80.7
49 96.5 81.9 152.1





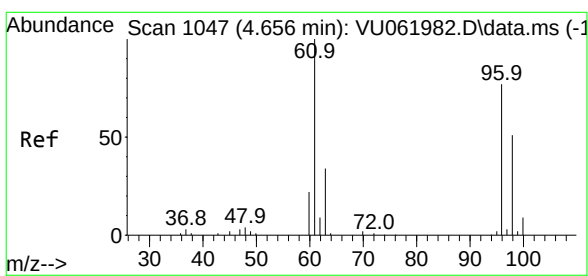
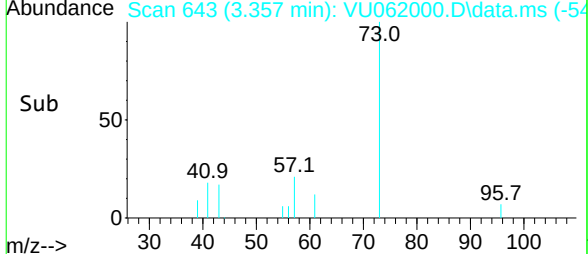
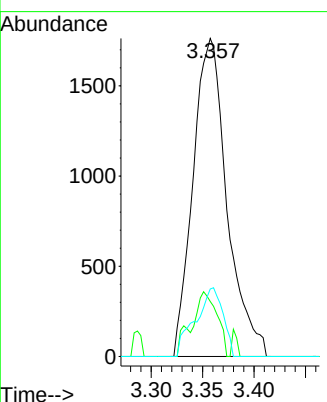
#17
Methyl tert-butyl Ether
Concen: 0.199 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU062000.D
Acq: 23 Nov 2024 03:29

Instrument :
MSVOA_U
ClientSampleId :
BG425



Tgt Ion: 73 Resp: 4048

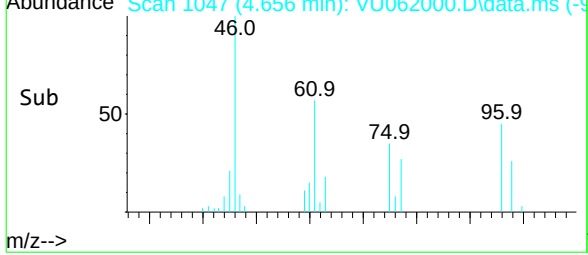
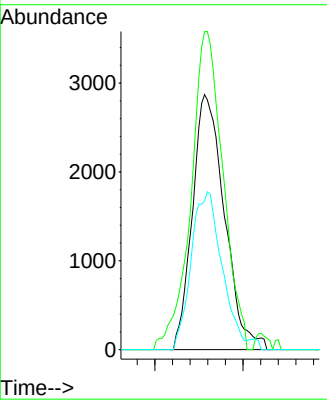
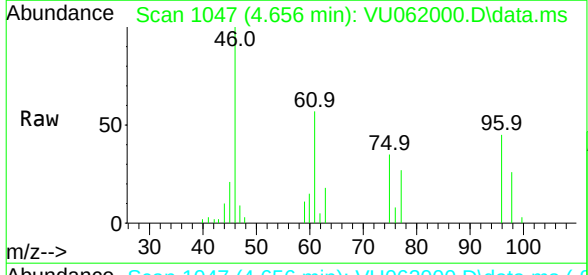
Ion	Ratio	Lower	Upper
73	100		
43	12.3	16.3	24.5#
57	17.5	17.1	25.7

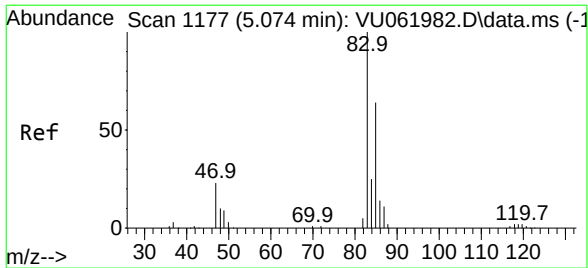


#22
cis-1,2-Dichloroethene
Concen: 0.765 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062000.D
Acq: 23 Nov 2024 03:29

Tgt Ion: 96 Resp: 7230

Ion	Ratio	Lower	Upper
96	100		
61	124.7	92.0	170.8
98	58.3	44.5	82.7

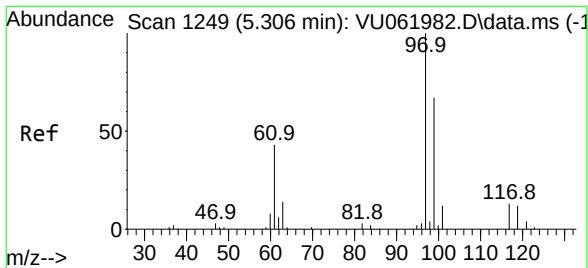
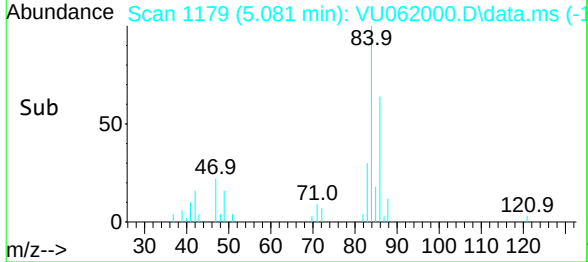
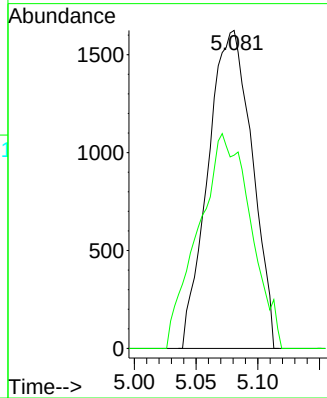
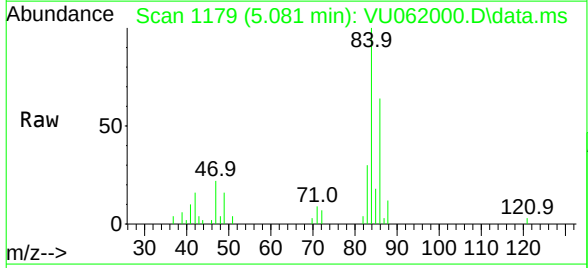




#25
Chloroform
Concen: 0.236 ug/L
RT: 5.081 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VU062000.D
Acq: 23 Nov 2024 03:29

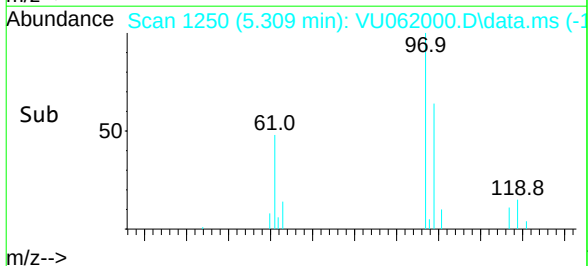
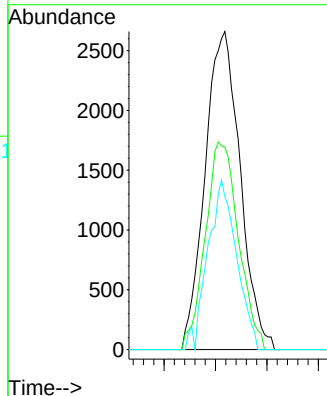
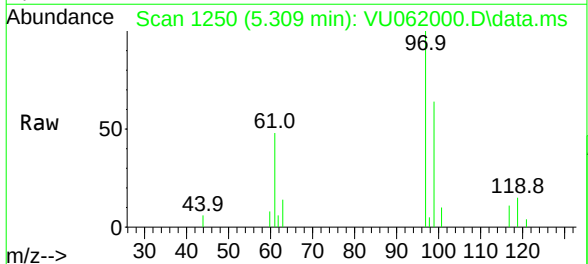
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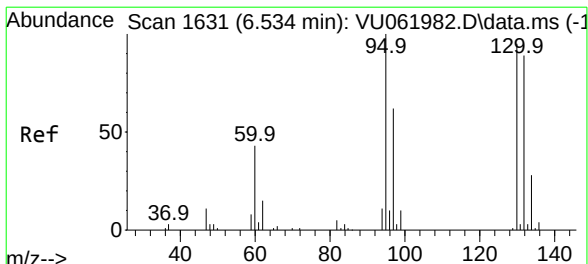
Tgt Ion: 83 Resp: 4038
Ion Ratio Lower Upper
83 100
85 60.8 45.4 84.2



#29
1,1,1-Trichloroethane
Concen: 0.493 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU062000.D
Acq: 23 Nov 2024 03:29

Tgt Ion: 97 Resp: 6309
Ion Ratio Lower Upper
97 100
99 61.5 51.4 77.2
61 43.7 37.8 56.6

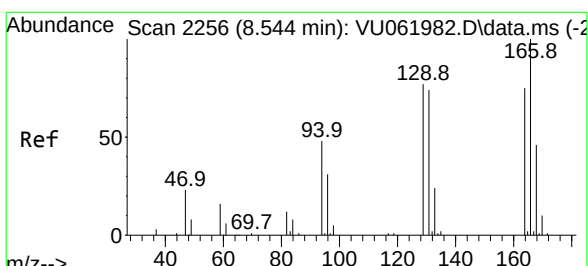
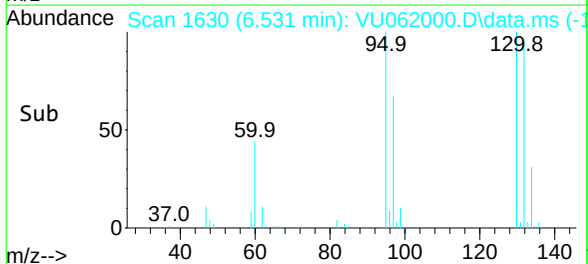
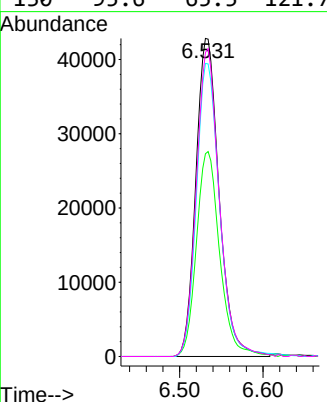
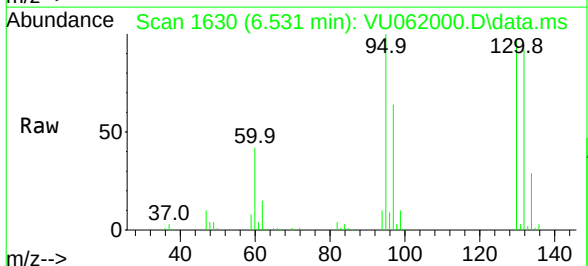




#34
 Trichloroethene
 Concen: 9.253 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU062000.D
 Acq: 23 Nov 2024 03:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BG425

Tgt Ion:	95	Resp:	82883
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.9	85.3
132	92.1	63.8	118.4
130	95.6	65.5	121.7



#47
 Tetrachloroethene
 Concen: 1.888 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.003 min
 Lab File: VU062000.D
 Acq: 23 Nov 2024 03:29

Tgt Ion:	164	Resp:	12301
Ion	Ratio	Lower	Upper
164	100		
129	99.2	73.2	136.0
131	96.8	72.3	134.3
166	132.2	90.2	167.4

