

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061972.D
 Acq On : 22 Nov 2024 15:15
 Operator : MD/SY
 Sample : P4903-03DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 22:46:00 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)

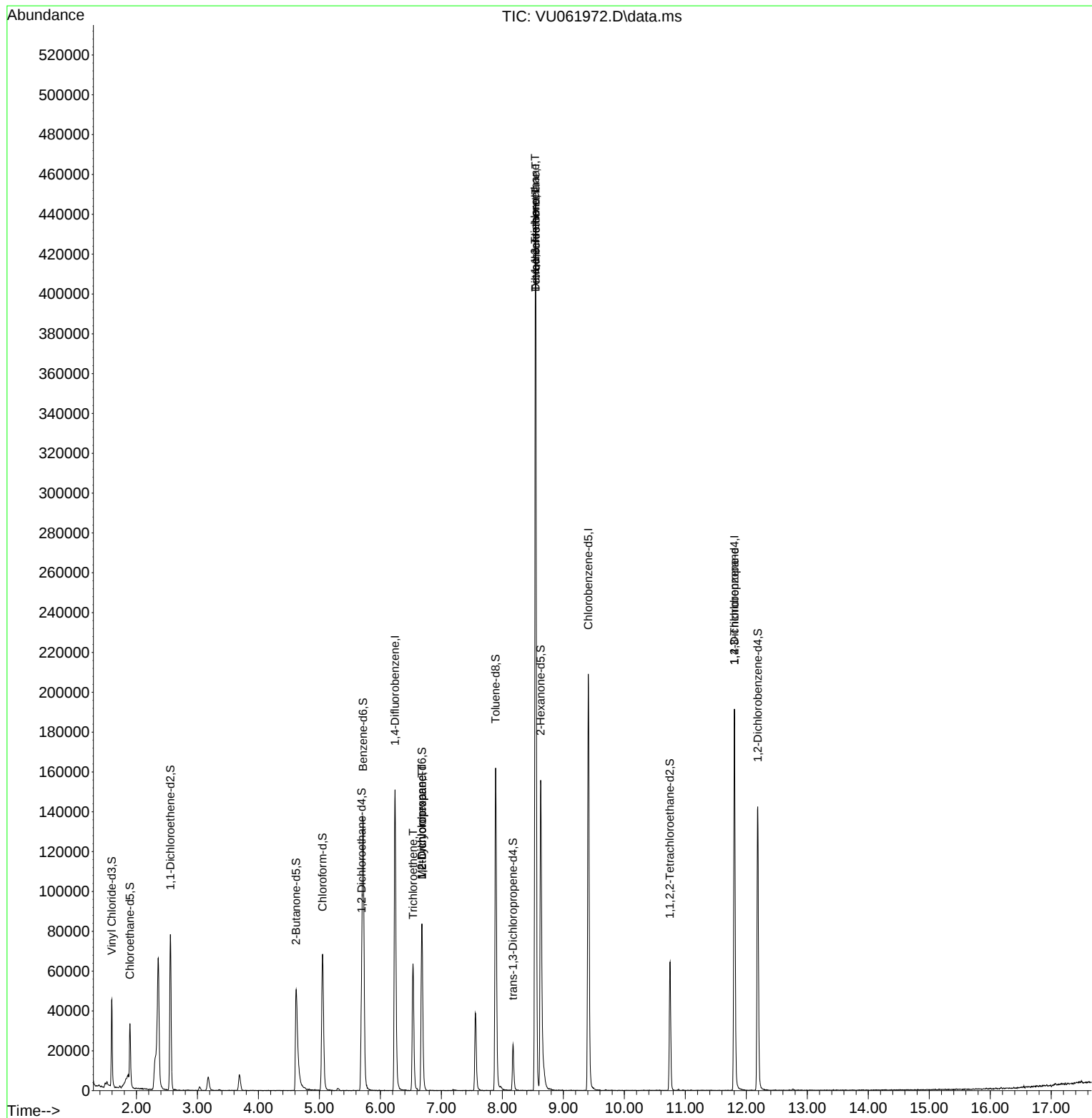
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	127356	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	118009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32788	5.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.891	69	25113	4.544	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.557	65	15273	6.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.400%
20) 2-Butanone-d5	4.618	46	75947	38.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.420%
24) Chloroform-d	5.049	84	68329	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.692	65	36083	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.714	84	131751	5.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.600%
36) 1,2-Dichloropropane-d6	6.679	67	42045	5.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.888	98	115034	5.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.000%
43) trans-1,3-Dichloroprop...	8.174	79	14240	4.923	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.627	63	55375	41.947	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32498	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	40209	5.183	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.534	95	23213	2.440	ug/L	98
35) Methylcyclohexane	6.679	83	9965	0.685	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	4542	0.491	ug/L #	87
45) 1,1,2-Trichloroethane	8.537	97	852	0.125	ug/L #	20
47) Tetrachloroethene	8.544	164	100831	14.576	ug/L	95
49) Dibromochloromethane	8.544	129	99514	13.810	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	5907	0.974	ug/L #	67

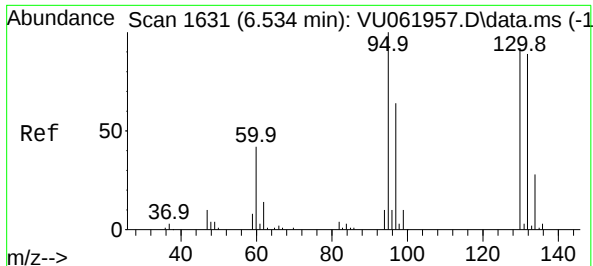
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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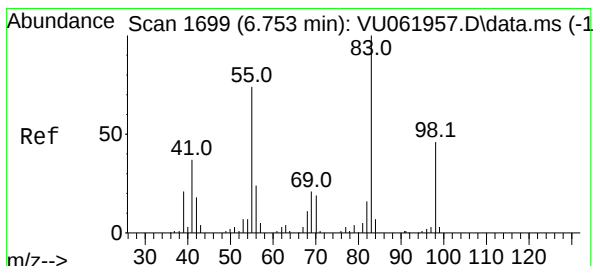
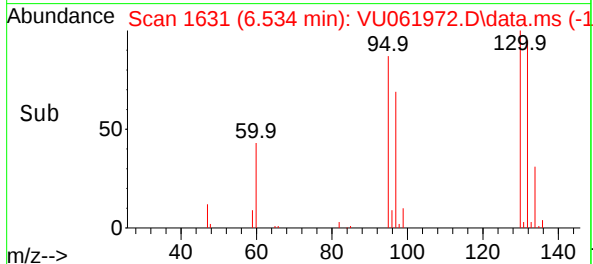
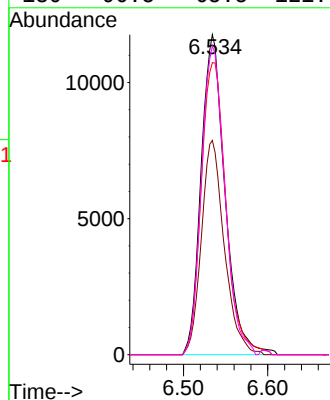
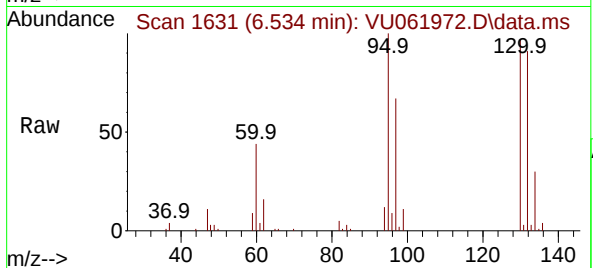




#34
Trichloroethene
Concen: 2.440 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061972.D
Acq: 22 Nov 2024 15:15

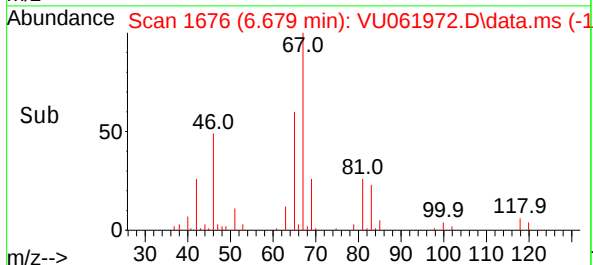
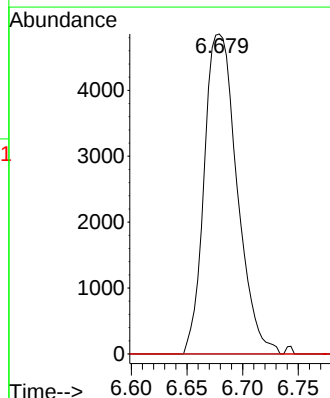
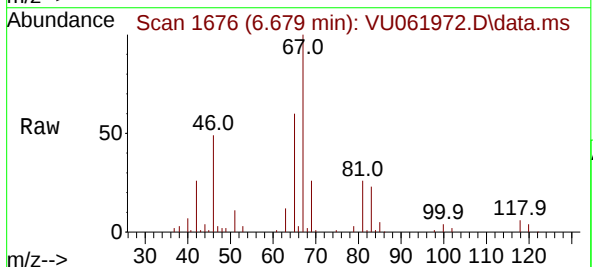
Instrument :
MSVOA_U
ClientSampleId :

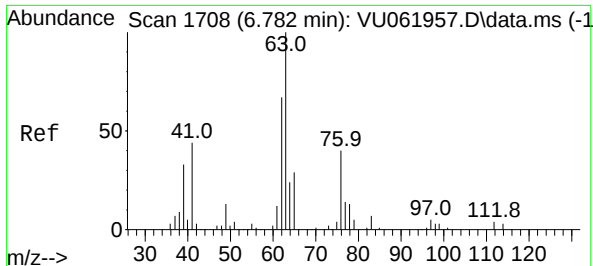
Tgt Ion: 95 Resp: 23213
Ion Ratio Lower Upper
95 100
97 66.9 45.9 85.3
132 91.3 63.8 118.4
130 96.5 65.5 121.7



#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061972.D
Acq: 22 Nov 2024 15:15

Tgt Ion: 83 Resp: 9965
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.7 34.8 52.2#

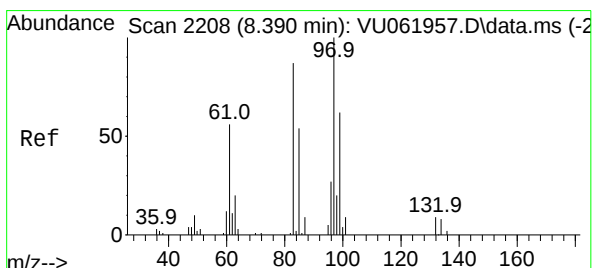
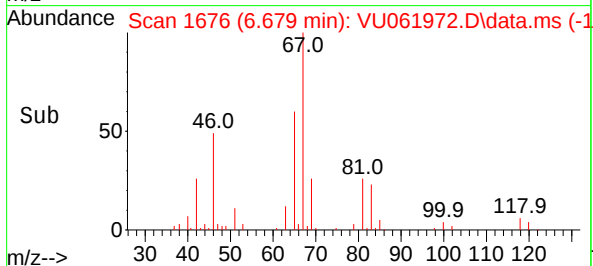
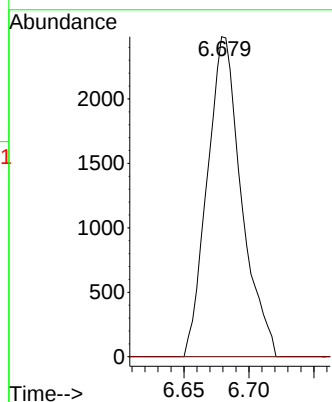
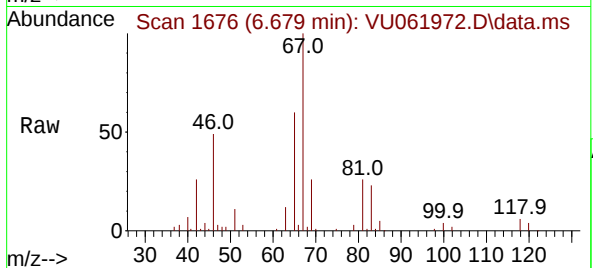




#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061972.D
Acq: 22 Nov 2024 15:15

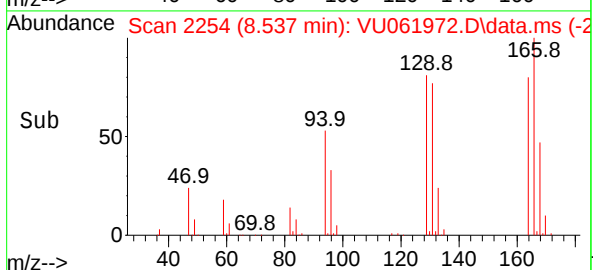
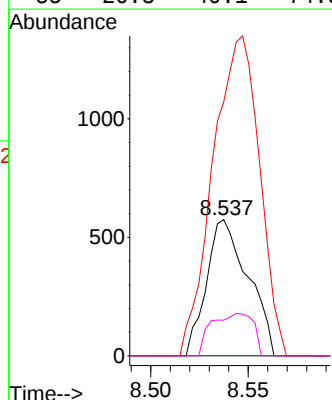
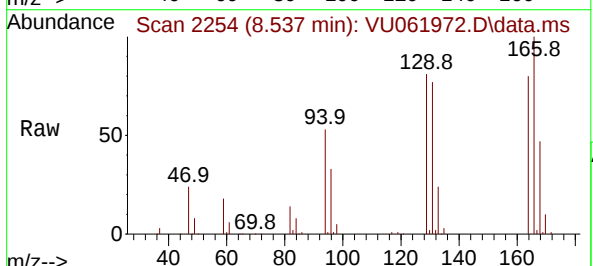
Instrument :
MSVOA_U
ClientSampleId :

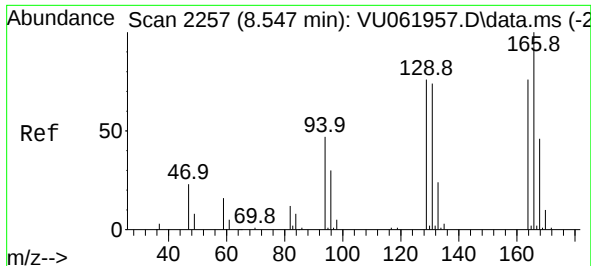
Tgt Ion: 63 Resp: 4542
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#45
1,1,2-Trichloroethane
Concen: 0.125 ug/L
RT: 8.537 min Scan# 2254
Delta R.T. 0.148 min
Lab File: VU061972.D
Acq: 22 Nov 2024 15:15

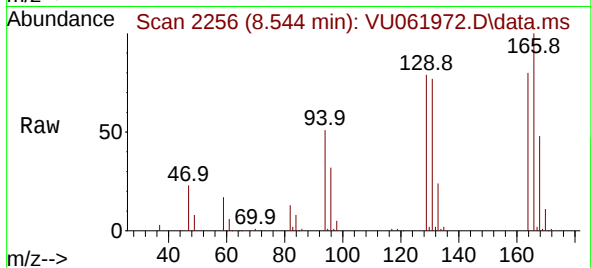
Tgt Ion: 97 Resp: 852
Ion Ratio Lower Upper
97 100
99 0.0 43.0 79.8#
83 186.4 61.7 114.5#
85 26.3 40.1 74.5#





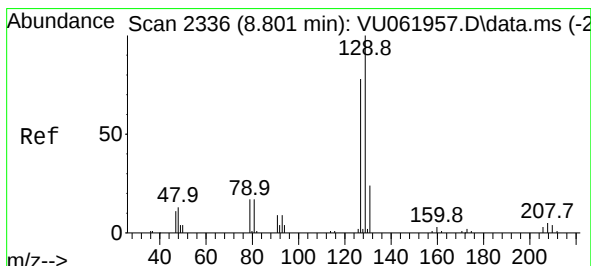
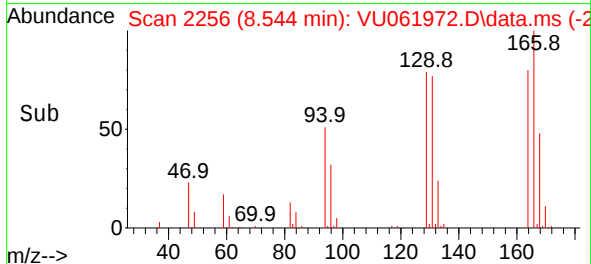
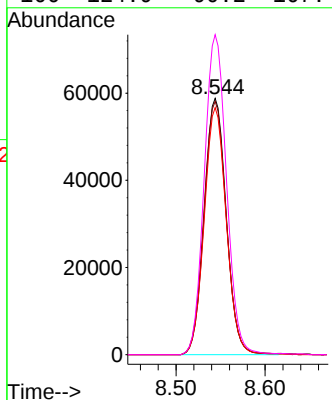
#47
Tetrachloroethene
Concen: 14.576 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061972.D
Acq: 22 Nov 2024 15:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 100831

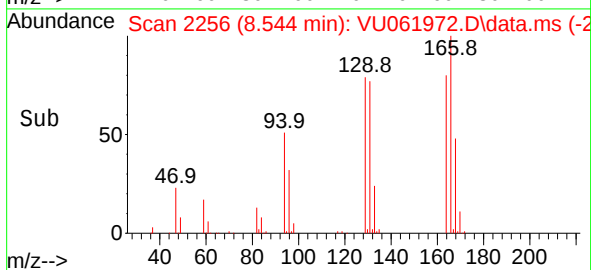
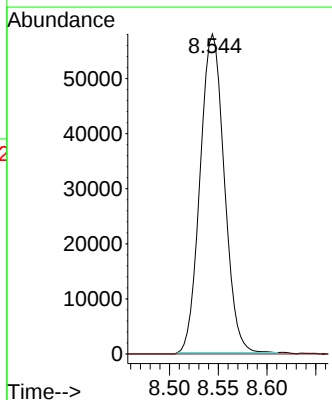
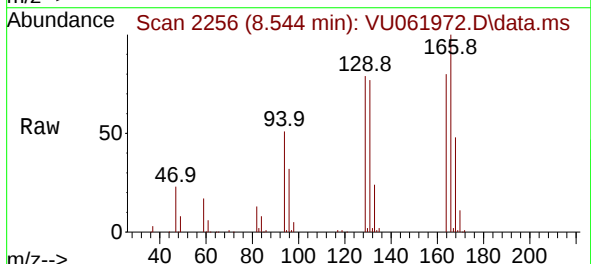
Ion	Ratio	Lower	Upper
164	100		
129	98.8	73.2	136.0
131	96.4	72.3	134.3
166	124.9	90.2	167.4

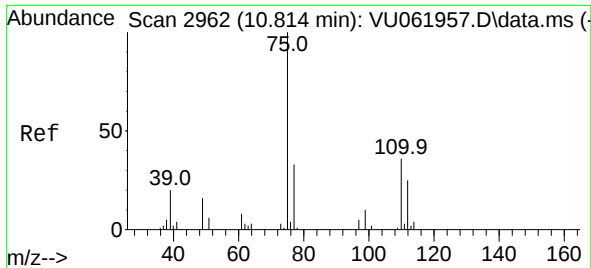


#49
Dibromochloromethane
Concen: 13.810 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU061972.D
Acq: 22 Nov 2024 15:15

Tgt Ion:129 Resp: 99514

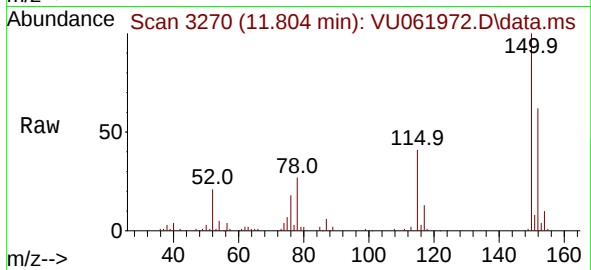
Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.1	94.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.974 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061972.D
 Acq: 22 Nov 2024 15:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5907
 Ion Ratio Lower Upper
 75 100
 110 0.3 28.9 43.3#
 77 34.3 26.5 39.7

