

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057090.D
 Acq On : 20 Dec 2023 14:27
 Operator : MD/SY
 Sample : 05865-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:45:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

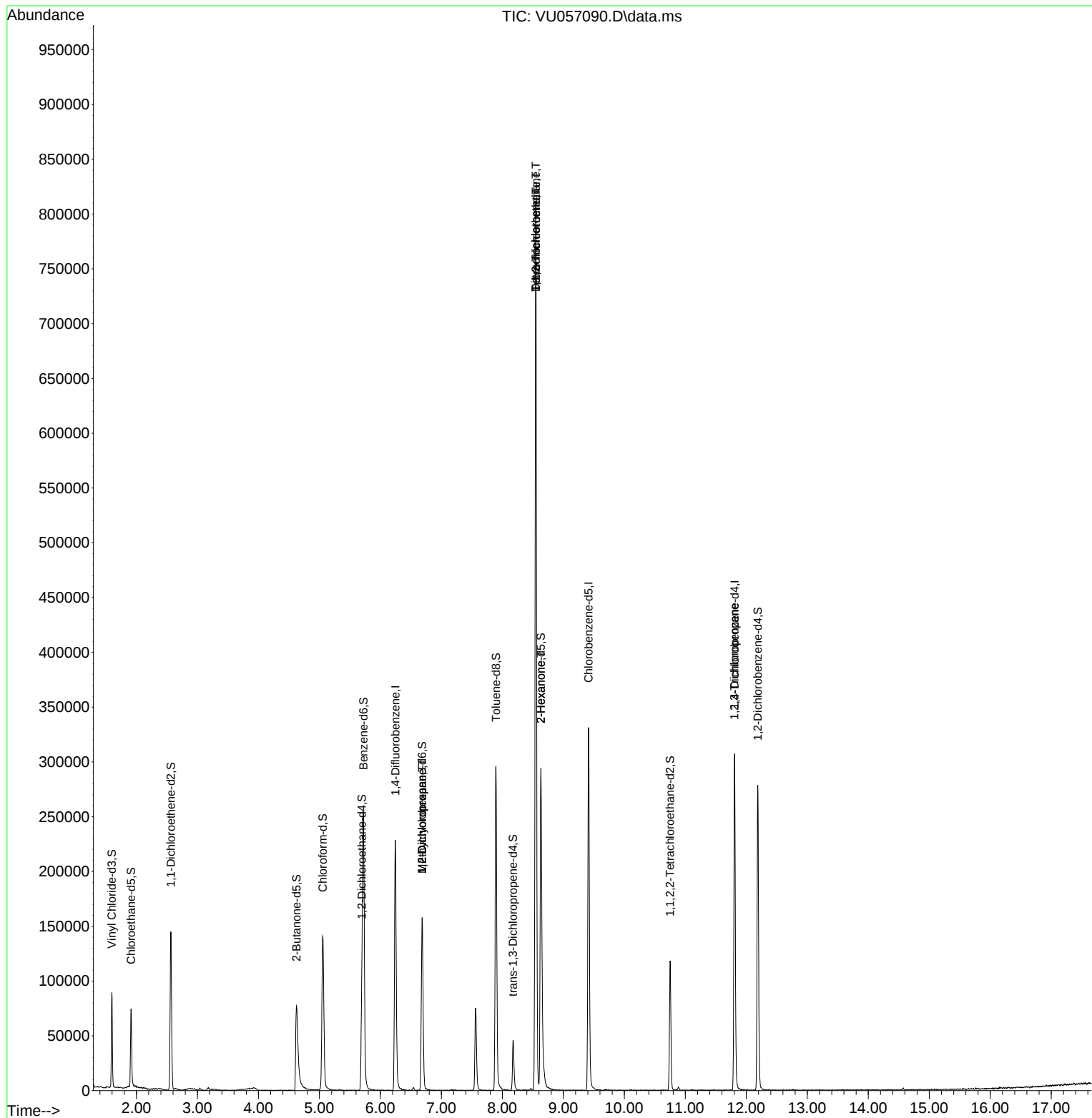
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	184691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	188051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	61713	3.898	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.000%	
7) Chloroethane-d5	1.911	69	52114	4.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.563	65	28611	4.224	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	4.624	46	130689	41.802	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.600%	
24) Chloroform-d	5.055	84	138986	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.695	65	68059	4.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.721	84	244754	4.196	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	6.685	67	73972	4.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.000%	
41) Toluene-d8	7.894	98	205860	3.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	8.174	79	28870	4.078	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.631	63	103081	38.603	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.200%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59134	4.477	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	74061	4.601	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	18750	0.701	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8585	0.508	ug/L #	90
45) 1,1,2-Trichloroethane	8.550	97	1752	0.153	ug/L #	5
47) Tetrachloroethene	8.547	164	169586	13.366	ug/L	98
48) 2-Hexanone	8.631	43	14518	2.539	ug/L #	39
49) Dibromochloromethane	8.547	129	176629	13.445	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	9383	1.067	ug/L #	68

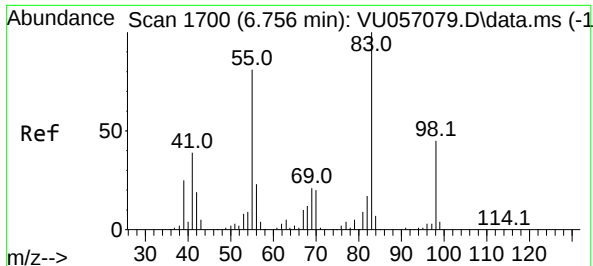
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057090.D

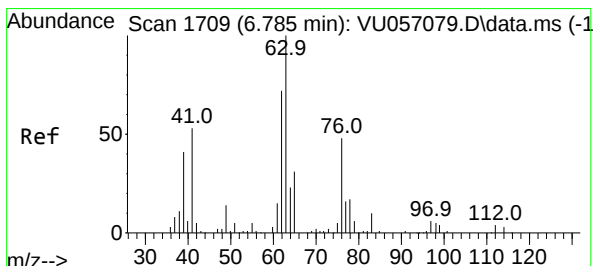
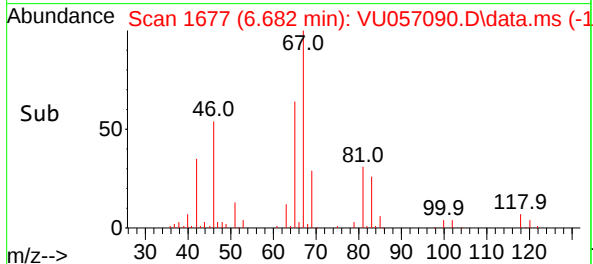
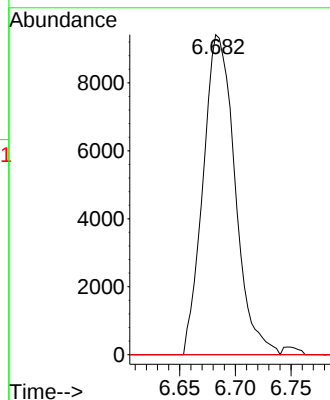
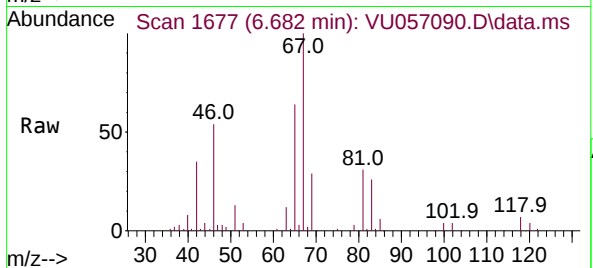
Acq: 20 Dec 2023 14:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	18750
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.6	97.0#
98	0.0	36.1	54.1#



#37

1,2-Dichloropropane

Concen: 0.508 ug/L

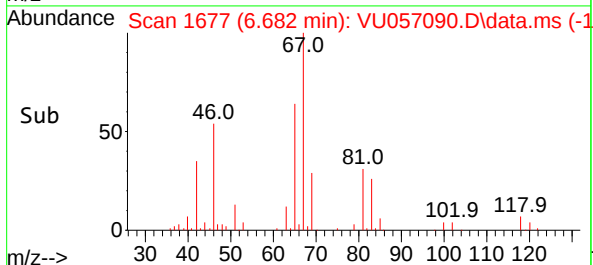
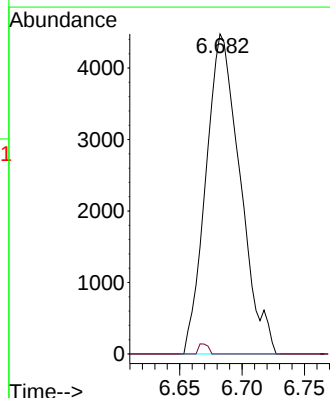
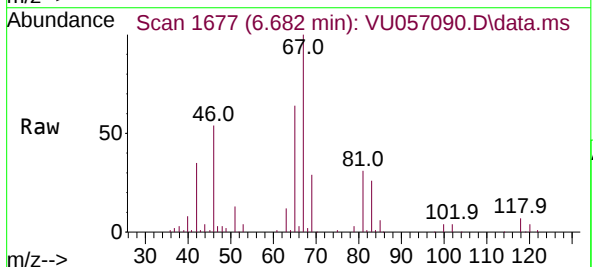
RT: 6.682 min Scan# 1677

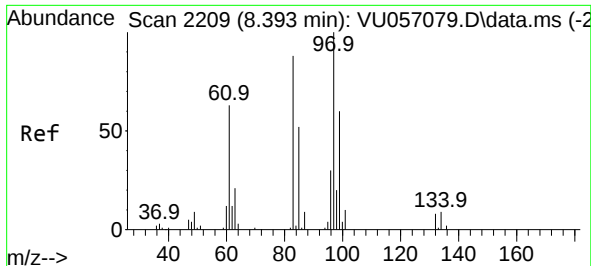
Delta R.T. -0.103 min

Lab File: VU057090.D

Acq: 20 Dec 2023 14:27

Tgt Ion:	63	Resp:	8585
Ion Ratio	Lower	Upper	
63	100		
112	0.9	3.3	4.9#





#45

1,1,2-Trichloroethane

Concen: 0.153 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.158 min

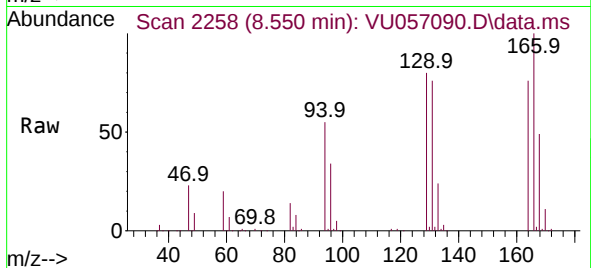
Lab File: VU057090.D

Acq: 20 Dec 2023 14:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 1752

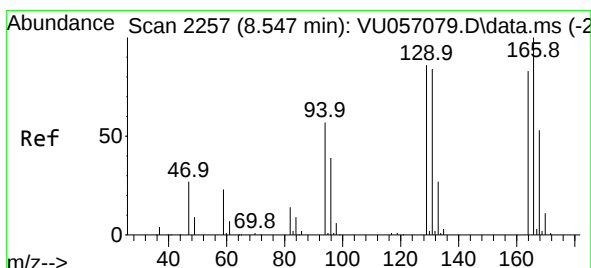
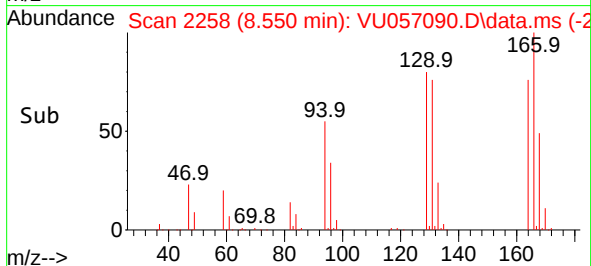
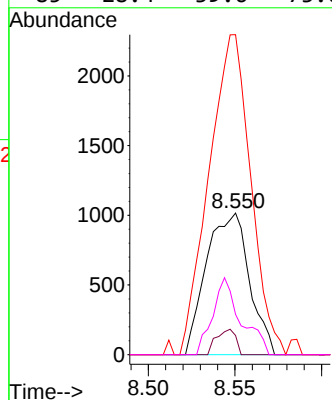
Ion Ratio Lower Upper

97 100

99 13.6 41.9 77.9#

83 226.0 59.1 109.7#

85 28.4 39.6 73.6#



#47

Tetrachloroethene

Concen: 13.366 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057090.D

Acq: 20 Dec 2023 14:27

Tgt Ion:164 Resp: 169586

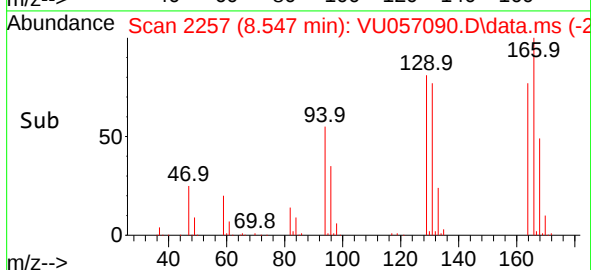
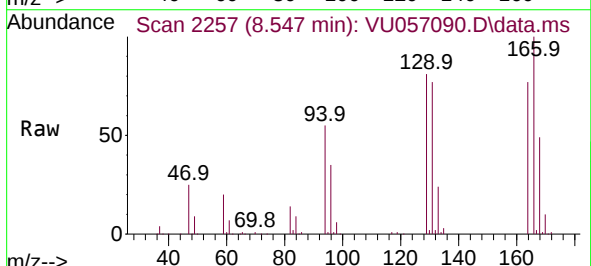
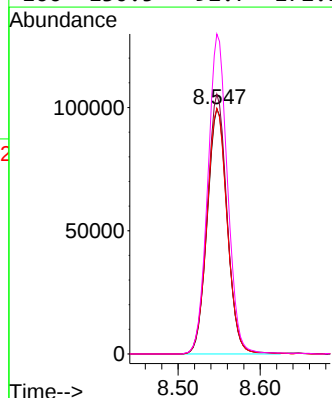
Ion Ratio Lower Upper

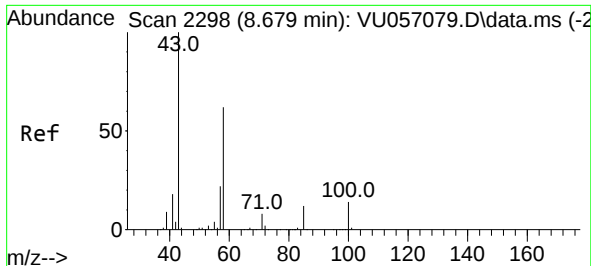
164 100

129 106.0 73.4 136.4

131 100.2 71.5 132.9

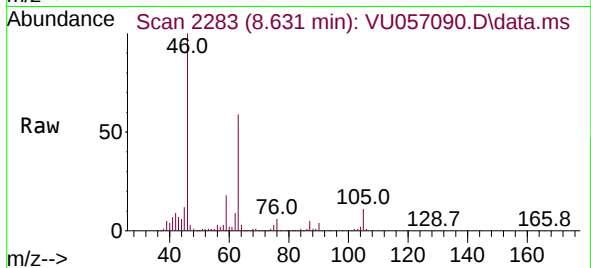
166 130.5 92.7 172.1



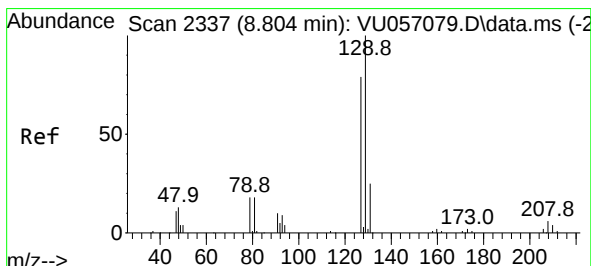
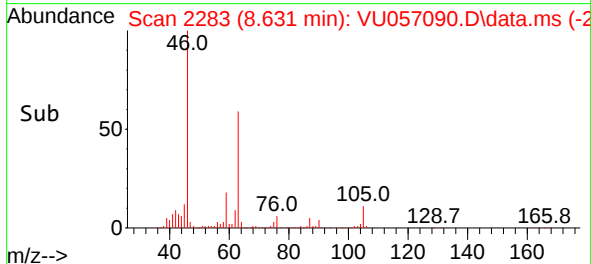
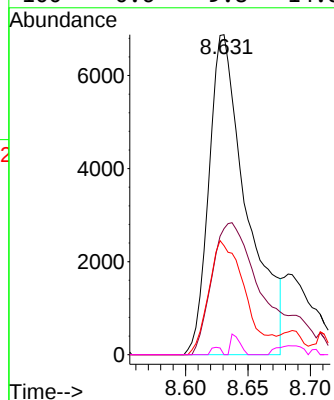


#48
2-Hexanone
Concen: 2.539 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU057090.D
Acq: 20 Dec 2023 14:27

Instrument :
MSVOA_U
ClientSampleId :

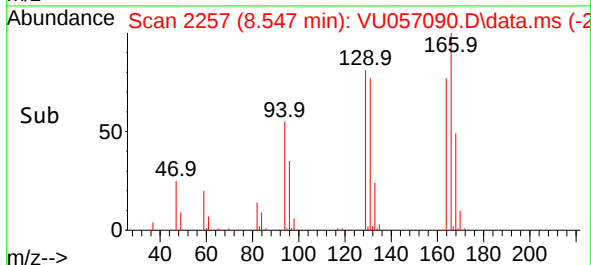
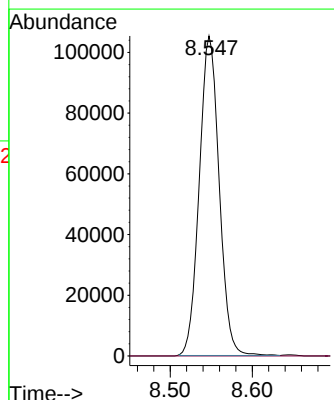
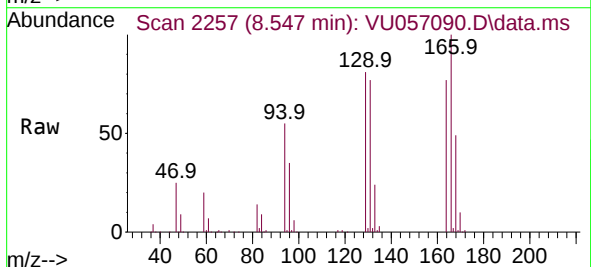


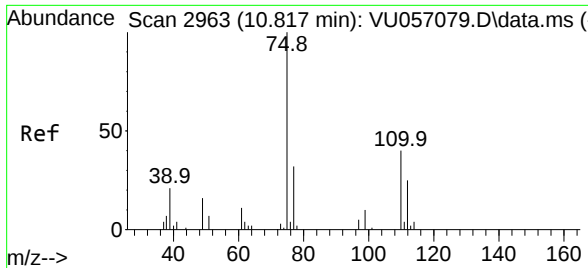
Tgt Ion: 43 Resp: 14518
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 34.6 17.0 25.4#
100 0.6 9.8 14.8#



#49
Dibromochloromethane
Concen: 13.445 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057090.D
Acq: 20 Dec 2023 14:27

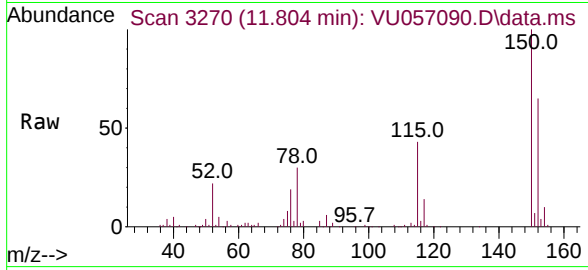
Tgt Ion: 129 Resp: 176629
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.067 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU057090.D
Acq: 20 Dec 2023 14:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9383
Ion Ratio Lower Upper
75 100
110 0.8 28.4 42.6#
77 34.3 26.3 39.5

