

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057092.D
 Acq On : 20 Dec 2023 15:16
 Operator : MD/SY
 Sample : 05866-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:45:45 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

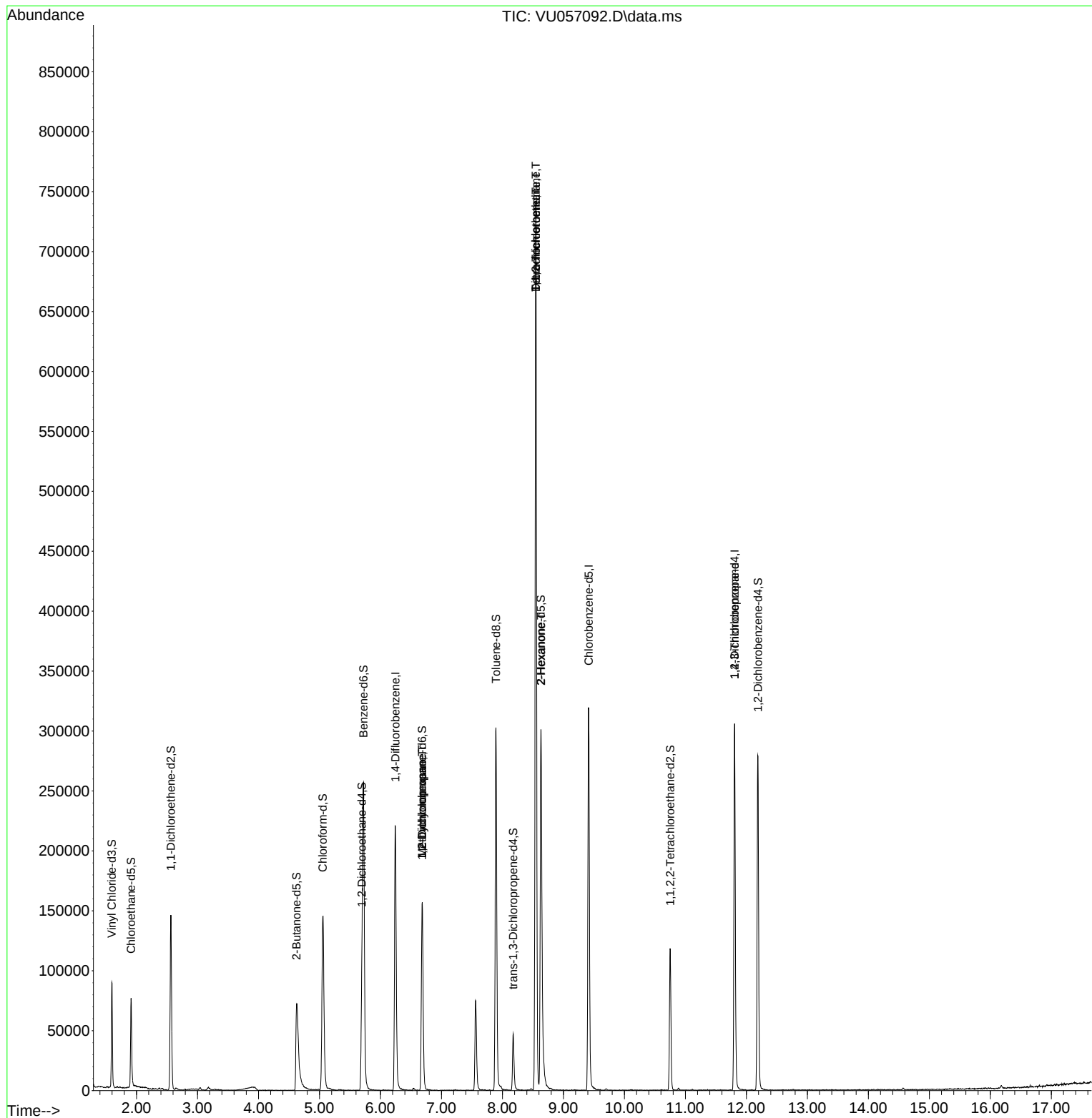
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178192	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	63399	4.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.911	69	54698	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.563	65	29632	4.534	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.624	46	128645	42.649	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.300%
24) Chloroform-d	5.055	84	141824	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.695	65	70536	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.721	84	246088	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.685	67	75804	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.894	98	206542	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	28665	4.019	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.630	63	106165	39.467	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59485	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	75340	4.746	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	18275	0.678	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8614	0.506	ug/L #	88
45) 1,1,2-Trichloroethane	8.550	97	1775	0.154	ug/L #	12
47) Tetrachloroethene	8.547	164	154163	12.062	ug/L	98
48) 2-Hexanone	8.634	43	13609	2.363	ug/L #	83
49) Dibromochloromethane	8.547	129	158606	11.985	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10096	1.164	ug/L #	70

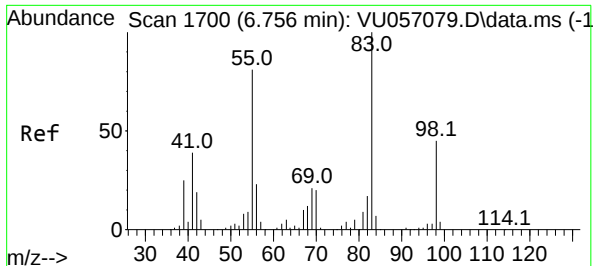
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.678 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057092.D

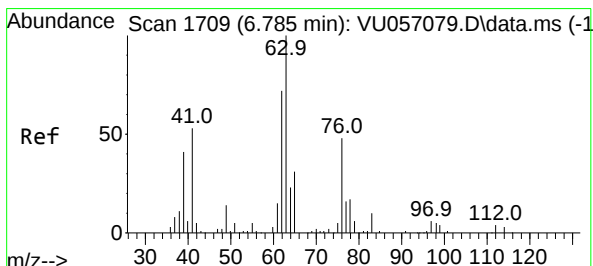
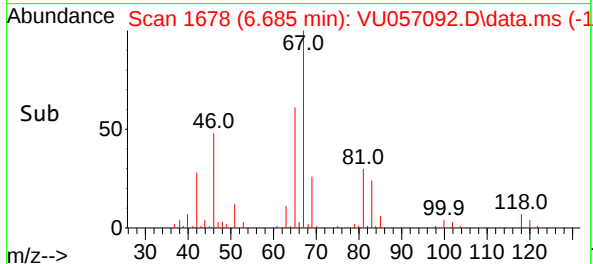
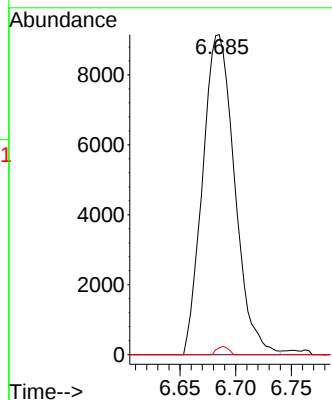
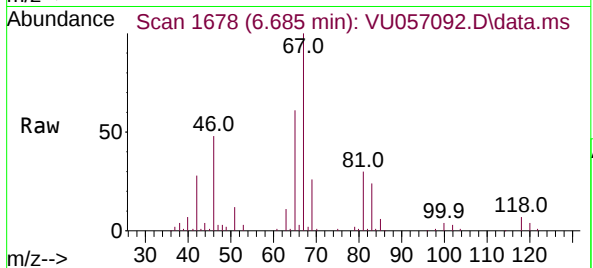
Acq: 20 Dec 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	18275
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.6	97.0#
98	0.9	36.1	54.1#



#37

1,2-Dichloropropane

Concen: 0.506 ug/L

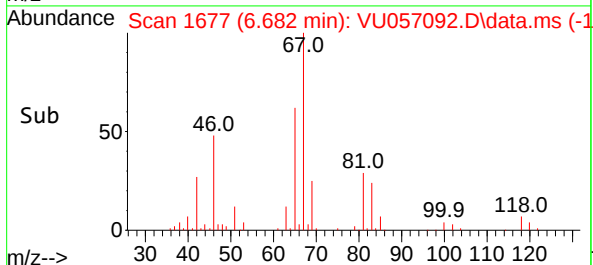
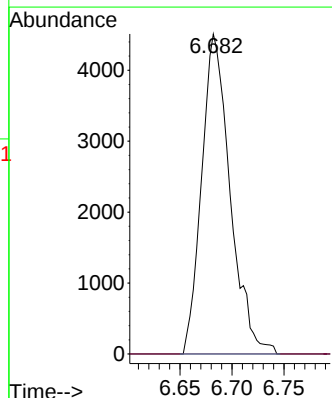
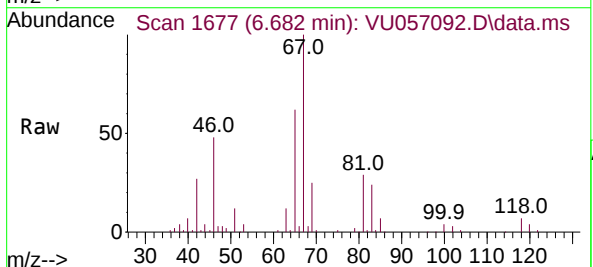
RT: 6.682 min Scan# 1677

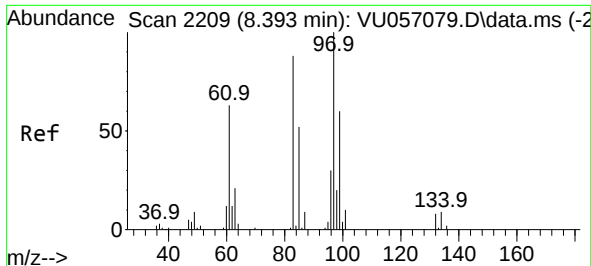
Delta R.T. -0.103 min

Lab File: VU057092.D

Acq: 20 Dec 2023 15:16

Tgt Ion:	63	Resp:	8614
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#





#45

1,1,2-Trichloroethane

Concen: 0.154 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.158 min

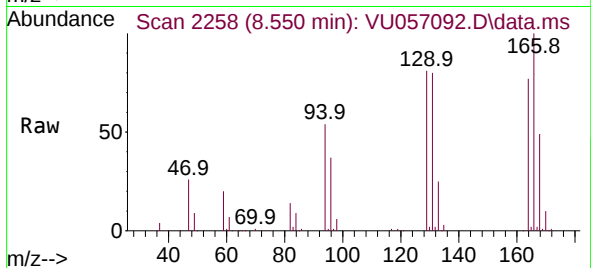
Lab File: VU057092.D

Acq: 20 Dec 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 1775

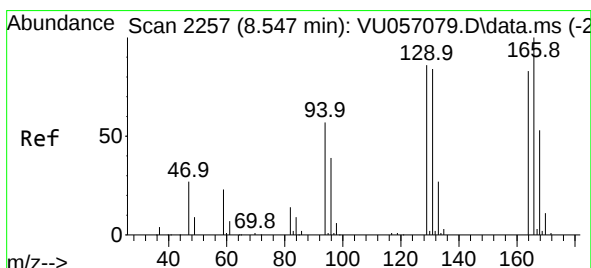
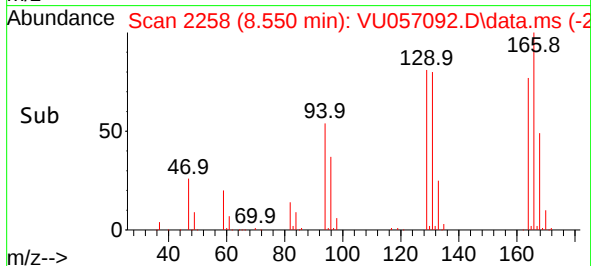
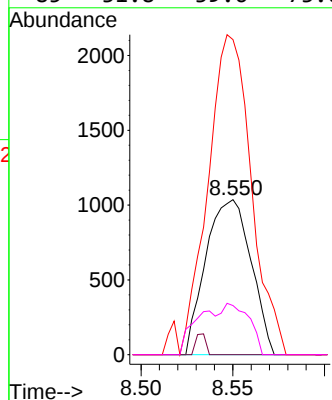
Ion Ratio Lower Upper

97 100

99 0.0 41.9 77.9#

83 203.3 59.1 109.7#

85 31.8 39.6 73.6#



#47

Tetrachloroethene

Concen: 12.062 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU057092.D

Acq: 20 Dec 2023 15:16

Tgt Ion:164 Resp: 154163

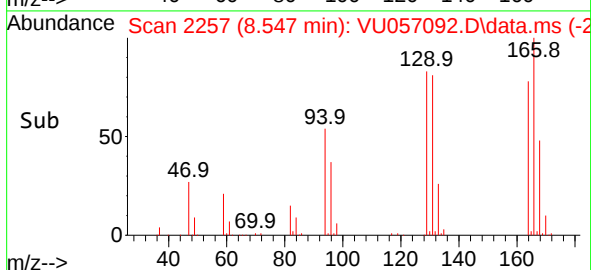
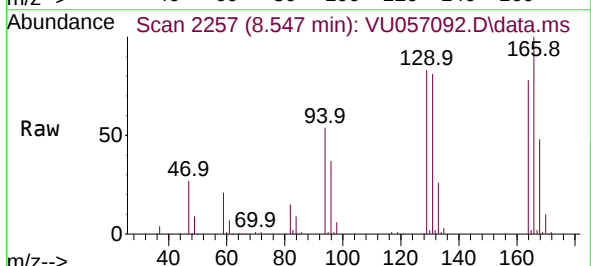
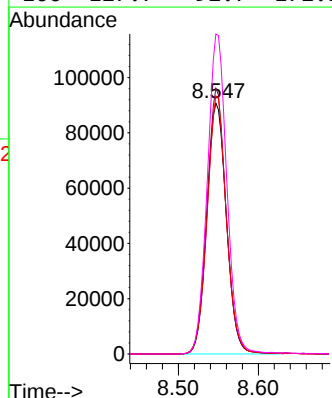
Ion Ratio Lower Upper

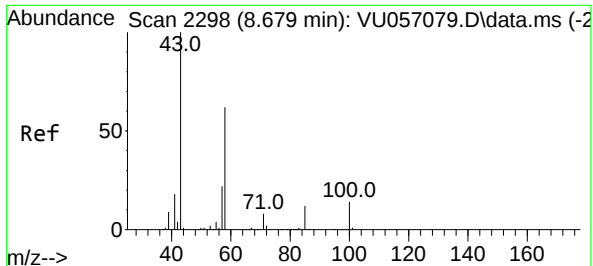
164 100

129 106.0 73.4 136.4

131 103.0 71.5 132.9

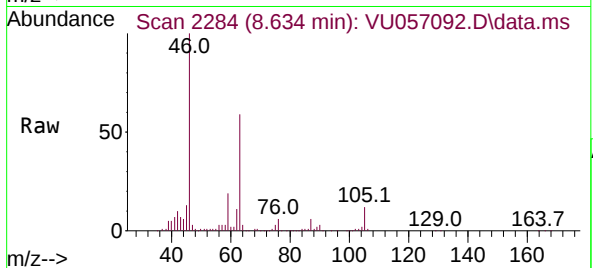
166 127.7 92.7 172.1



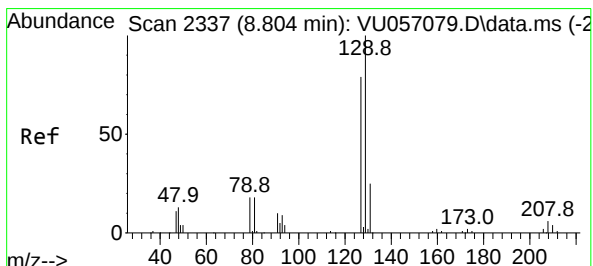
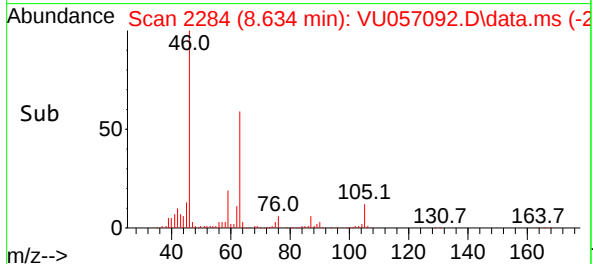
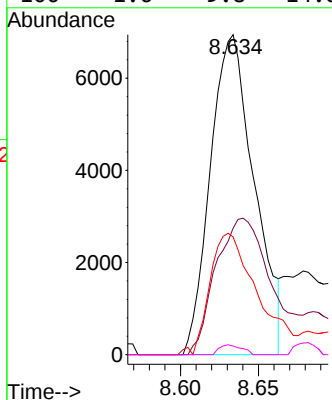


#48
2-Hexanone
Concen: 2.363 ug/L
RT: 8.634 min Scan# 21
Delta R.T. -0.045 min
Lab File: VU057092.D
Acq: 20 Dec 2023 15:16

Instrument :
MSVOA_U
ClientSampleId :

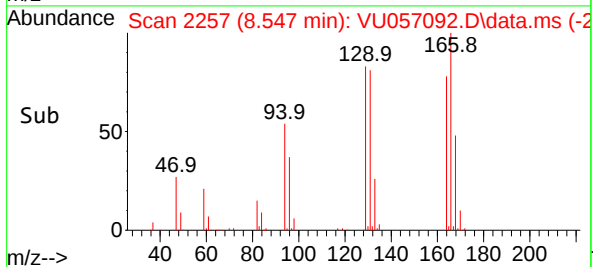
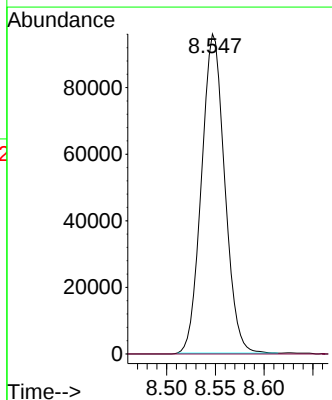
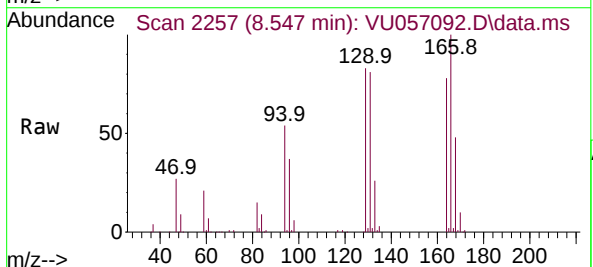


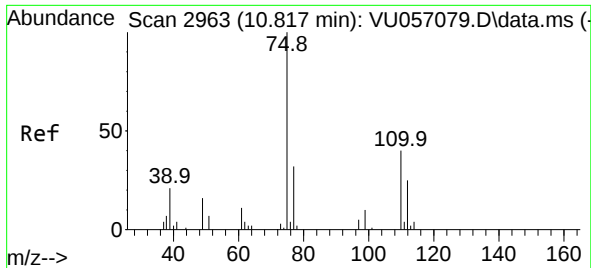
Tgt Ion: 43 Resp: 13609
Ion Ratio Lower Upper
43 100
58 54.8 47.5 71.3
57 41.5 17.0 25.4#
100 1.6 9.8 14.8#



#49
Dibromochloromethane
Concen: 11.985 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057092.D
Acq: 20 Dec 2023 15:16

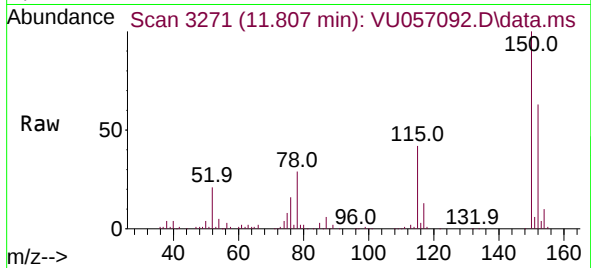
Tgt Ion: 129 Resp: 158606
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.164 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057092.D
 Acq: 20 Dec 2023 15:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10096
 Ion Ratio Lower Upper
 75 100
 110 2.1 28.4 42.6#
 77 32.5 26.3 39.5

