

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057064.D
 Acq On : 19 Dec 2023 23:38
 Operator : MD/SY
 Sample : 05865-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

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

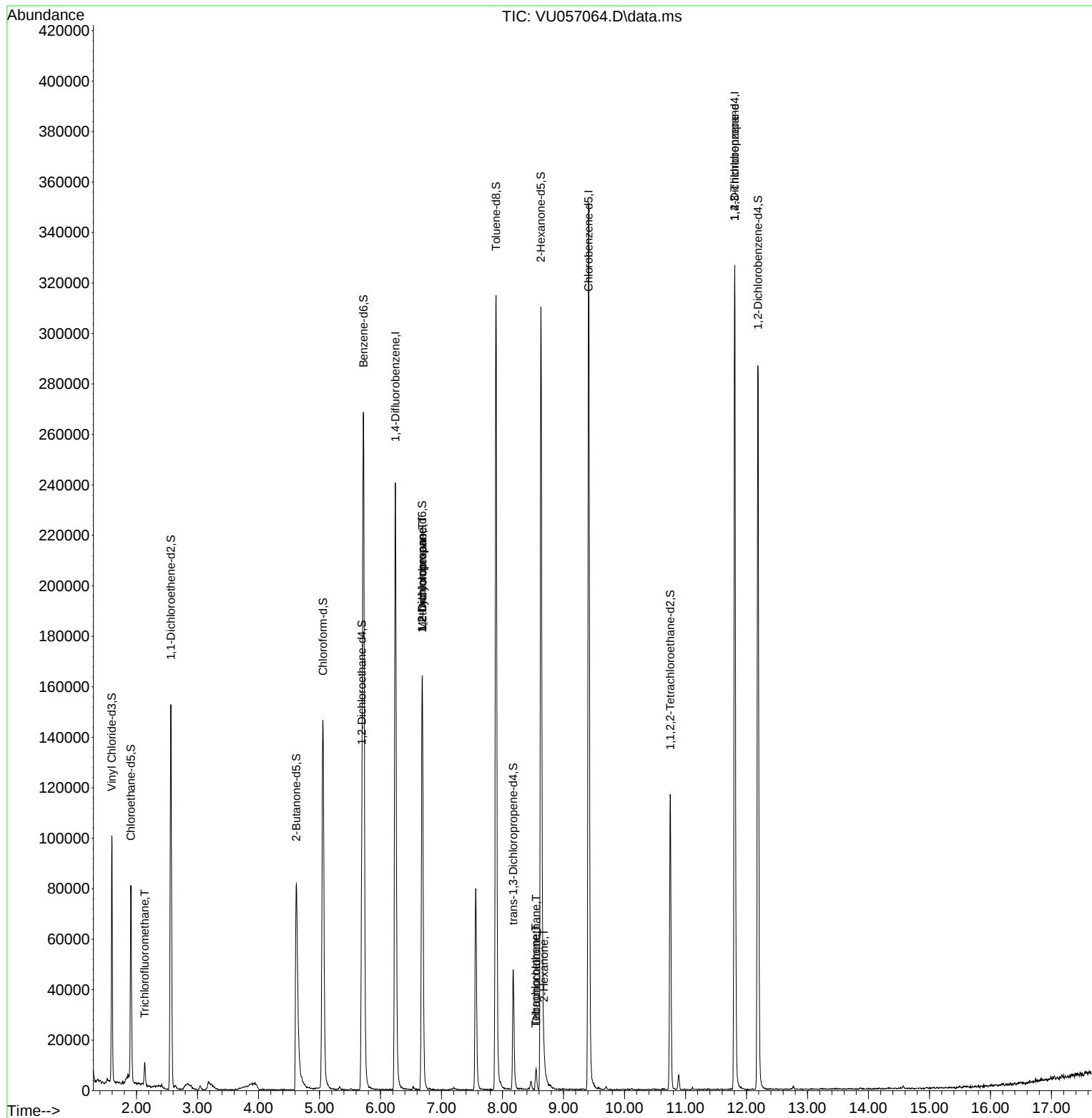
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	196863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68933	4.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	56414	4.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.563	65	29911	4.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.618	46	136734	41.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.060%
24) Chloroform-d	5.055	84	143584	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.695	65	69038	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	259984	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	77547	4.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.894	98	217129	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.174	79	28849	3.845	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.631	63	105898	37.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57421	4.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	75526	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.133	101	5492	0.193	ug/L	92
35) Methylcyclohexane	6.685	83	19788	0.698	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9229	0.515	ug/L #	89
47) Tetrachloroethene	8.544	164	1802	0.134	ug/L #	80
48) 2-Hexanone	8.682	43	3934	0.649	ug/L #	48
49) Dibromochloromethane	8.550	129	1950	0.140	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10847	1.156	ug/L #	70

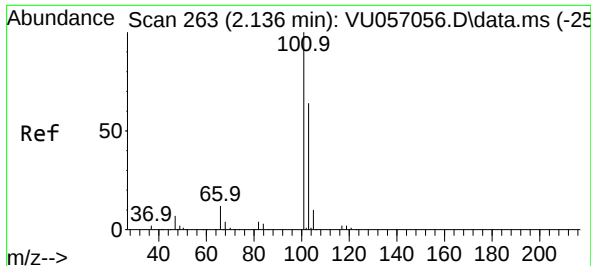
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
Data File : VU057064.D
Acq On : 19 Dec 2023 23:38
Operator : MD/SY
Sample : 05865-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 20 06:56:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 20 06:35:40 2023
Response via : Initial Calibration

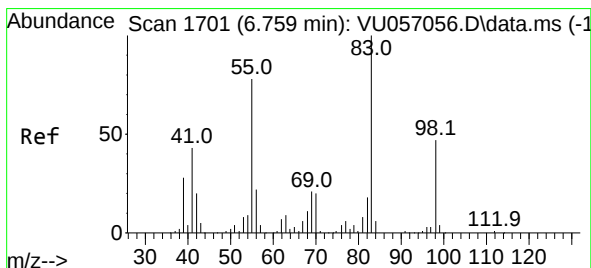
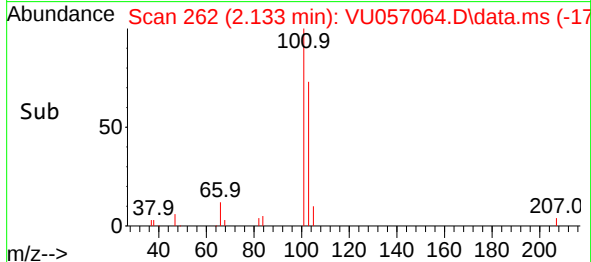
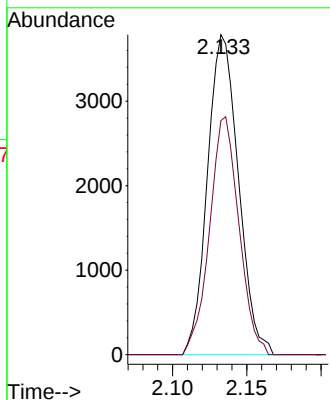
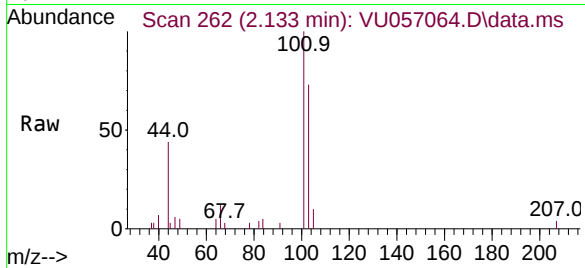




#9
 Trichlorofluoromethane
 Concen: 0.193 ug/L
 RT: 2.133 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VU057064.D
 Acq: 19 Dec 2023 23:38

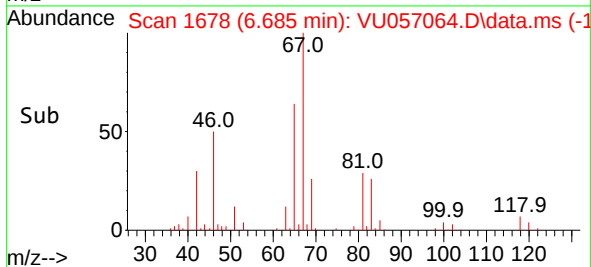
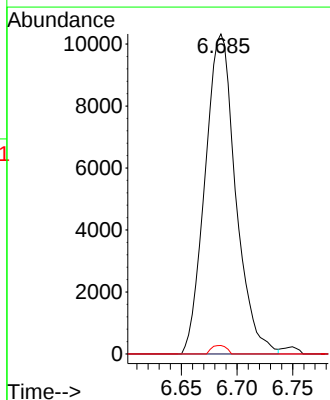
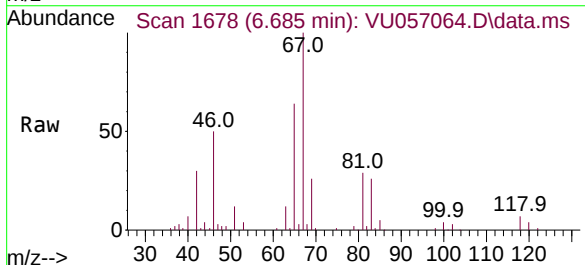
Instrument :
 MSVOA_U
 ClientSampleId :

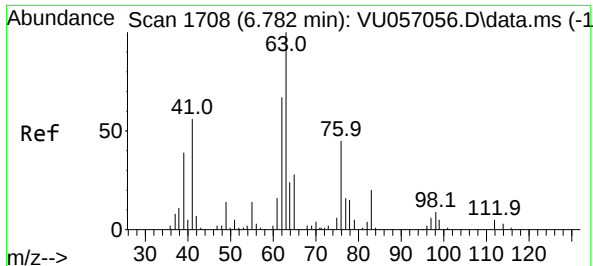
Tgt Ion:101 Resp: 5492
 Ion Ratio Lower Upper
 101 100
 103 70.5 51.4 77.2



#35
 Methylcyclohexane
 Concen: 0.698 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.074 min
 Lab File: VU057064.D
 Acq: 19 Dec 2023 23:38

Tgt Ion: 83 Resp: 19788
 Ion Ratio Lower Upper
 83 100
 55 0.1 64.6 97.0#
 98 1.3 36.1 54.1#

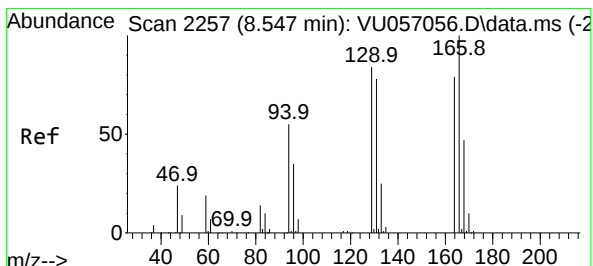
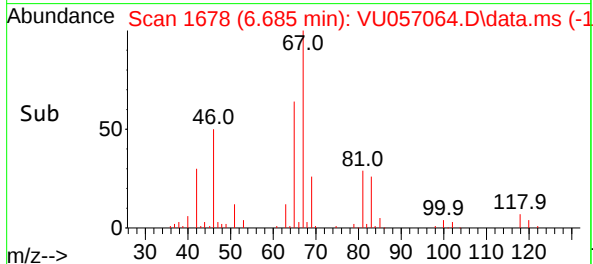
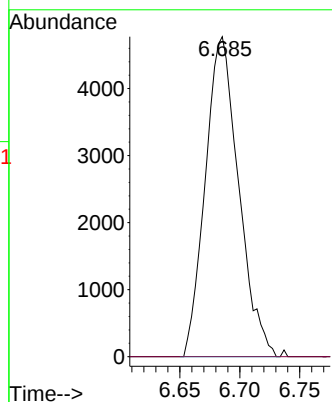
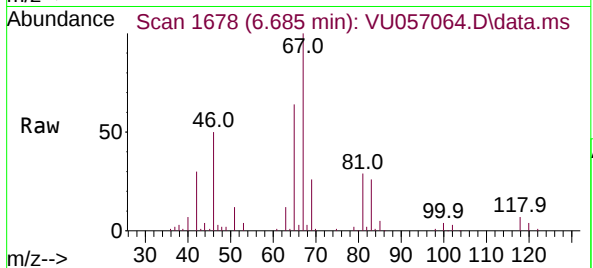




#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU057064.D
Acq: 19 Dec 2023 23:38

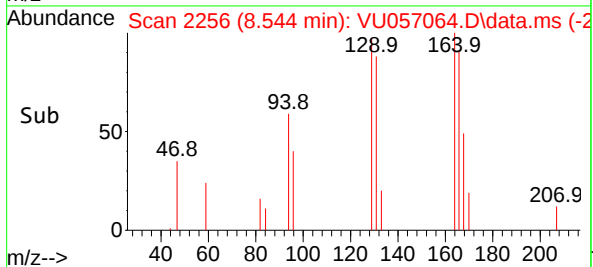
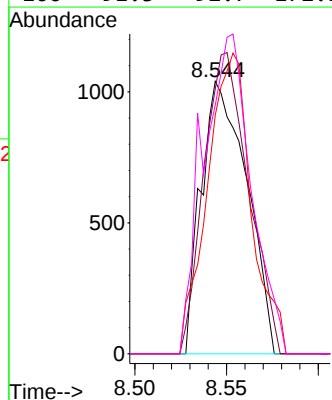
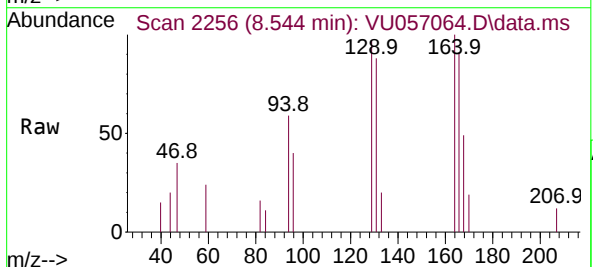
Instrument :
MSVOA_U
ClientSampleId :

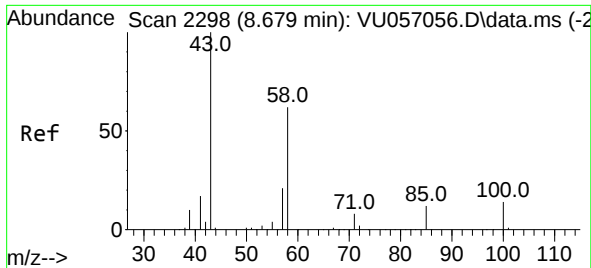
Tgt Ion: 63 Resp: 9229
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.134 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU057064.D
Acq: 19 Dec 2023 23:38

Tgt Ion:164 Resp: 1802
Ion Ratio Lower Upper
164 100
129 97.2 73.4 136.4
131 87.6 71.5 132.9
166 91.3 92.7 172.1#

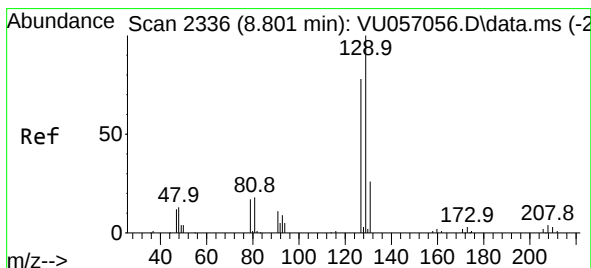
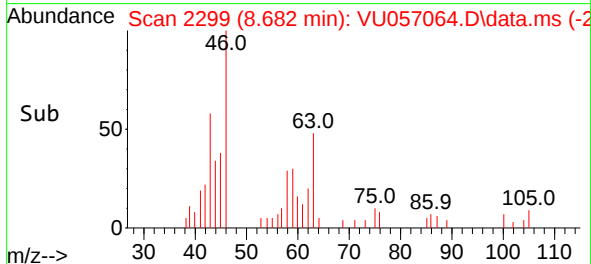
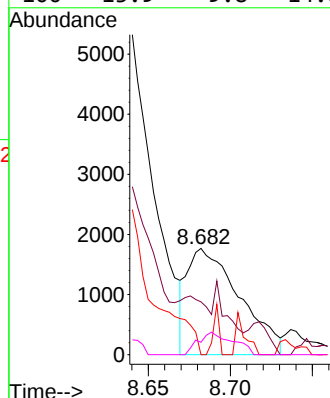
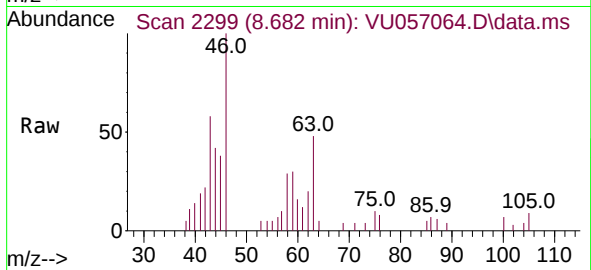




#48
2-Hexanone
Concen: 0.649 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057064.D
Acq: 19 Dec 2023 23:38

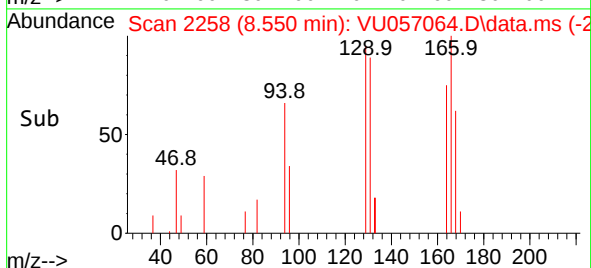
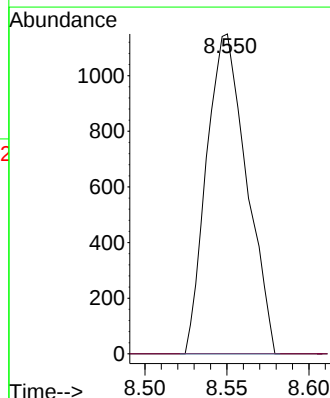
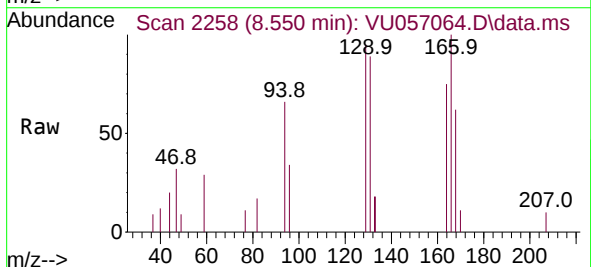
Instrument :
MSVOA_U
ClientSampleId :

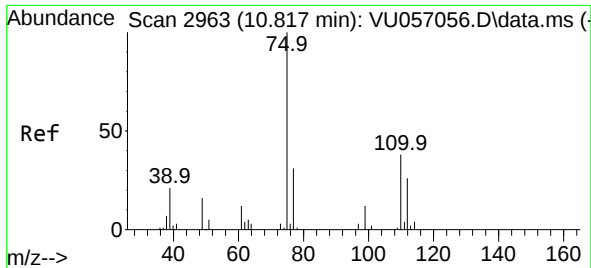
Tgt Ion: 43	Resp: 3934
Ion Ratio	Lower Upper
43 100	
58 8.3	47.5 71.3#
57 5.1	17.0 25.4#
100 13.9	9.8 14.8



#49
Dibromochloromethane
Concen: 0.140 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.251 min
Lab File: VU057064.D
Acq: 19 Dec 2023 23:38

Tgt Ion:129	Resp:	1950	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#61

1,2,3-Trichloropropane

Concen: 1.156 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.991 min

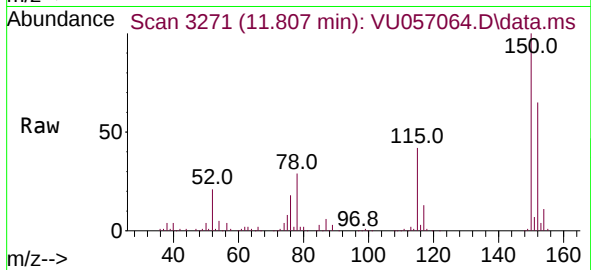
Lab File: VU057064.D

Acq: 19 Dec 2023 23:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10847

Ion Ratio Lower Upper

75 100

110 2.0 28.4 42.6#

77 32.7 26.3 39.5

