

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054729.D
 Acq On : 30 Jun 2023 17:56
 Operator : MD/SY
 Sample : 03495-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA7

Quant Time: Jul 03 06:46:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

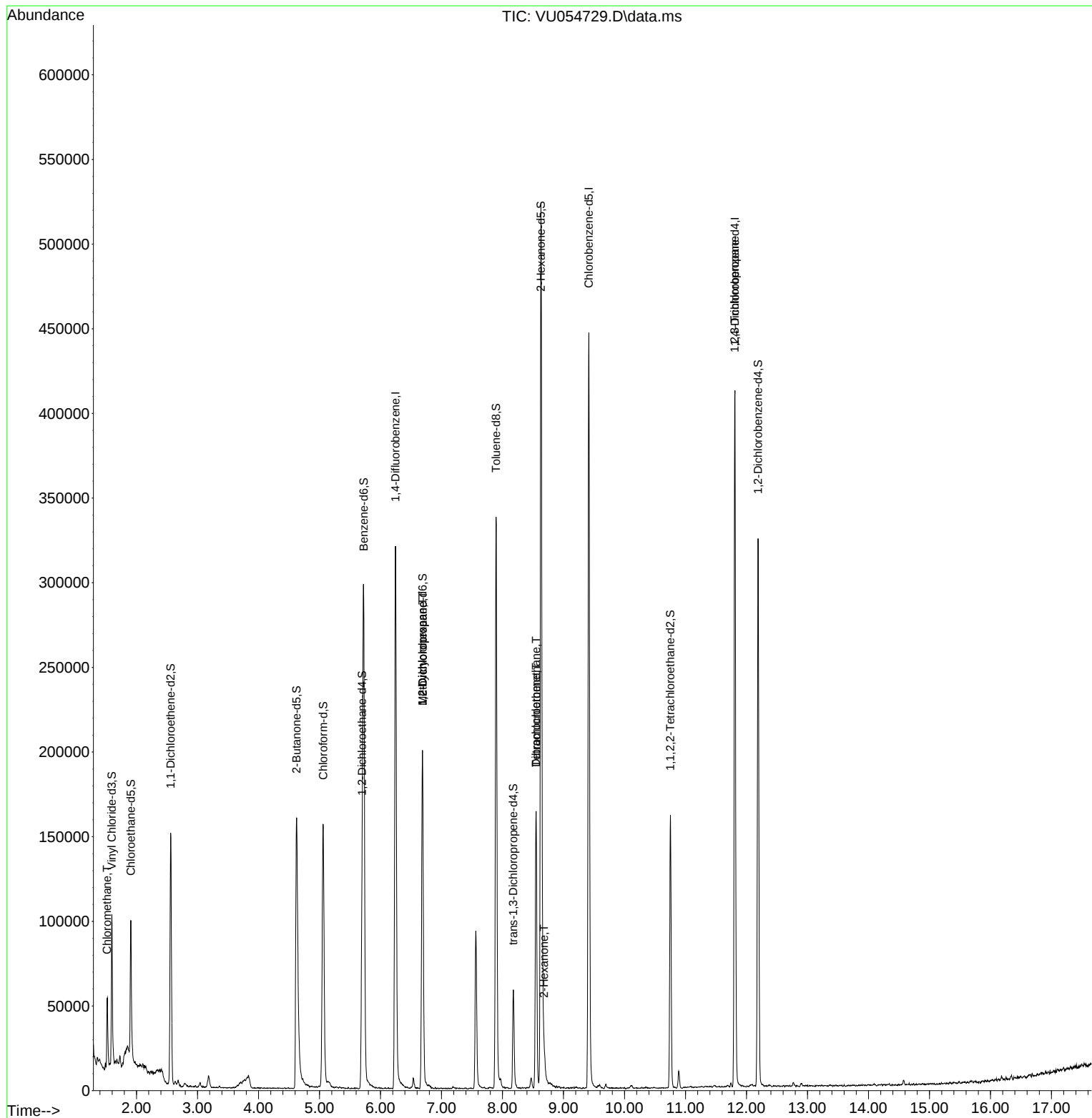
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	258871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	249441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	106410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70701	4.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.907	69	65857	4.270	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	29016	3.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.624	46	251404	54.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.560%
24) Chloroform-d	5.058	84	144789	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.698	65	76257	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.724	84	272960	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.688	67	99199	4.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.894	98	225529	3.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.177	79	34423	4.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.631	63	167753	49.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83248	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	82975	4.623	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	31053	1.118	ug/L	98
35) Methylcyclohexane	6.688	83	22090	0.616	ug/L #	17
37) 1,2-Dichloropropane	6.688	63	10266	0.424	ug/L #	89
47) Tetrachloroethene	8.550	164	38190	2.105	ug/L	97
48) 2-Hexanone	8.682	43	9456	0.981	ug/L #	88
49) Dibromochloromethane	8.550	129	35621	2.200	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14349	1.334	ug/L #	69

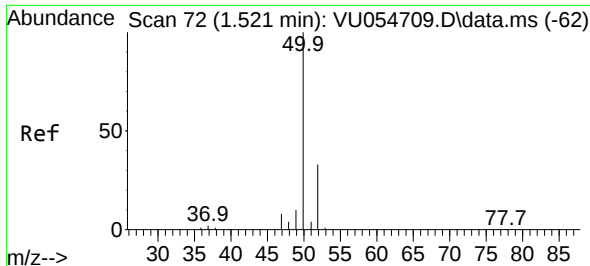
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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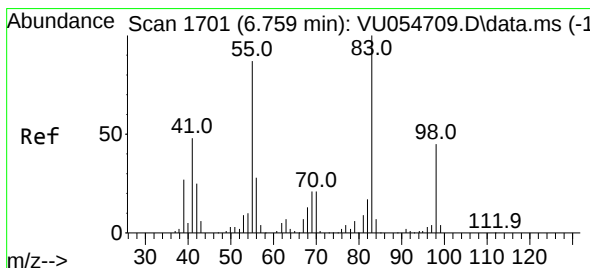
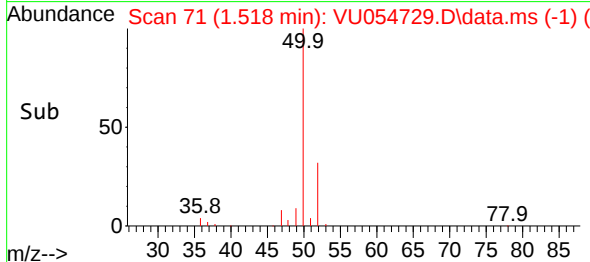
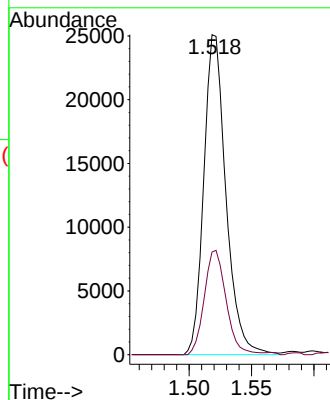
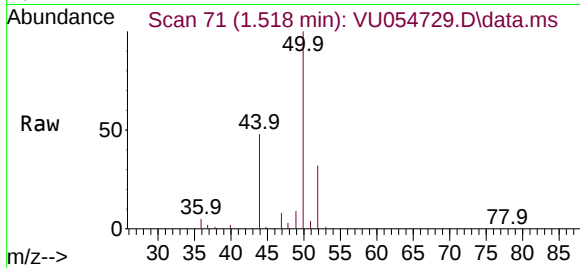




#3
Chloromethane
Concen: 1.118 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054729.D
Acq: 30 Jun 2023 17:56

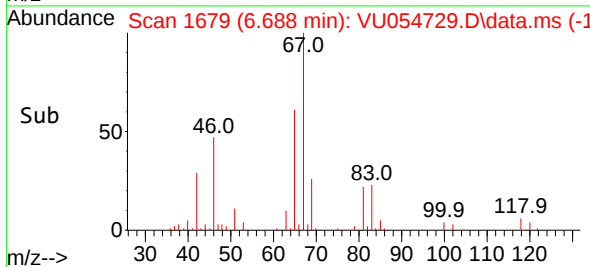
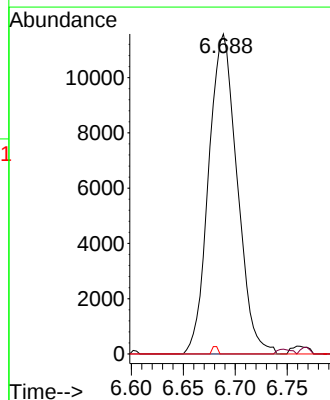
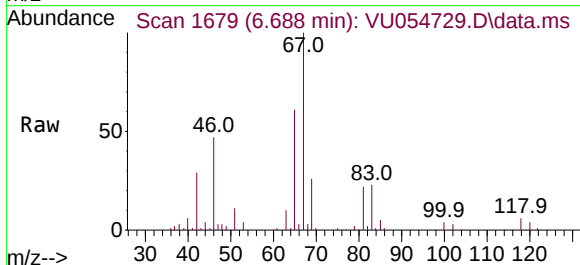
Instrument :
MSVOA_U
ClientSampleId :
H0FA7

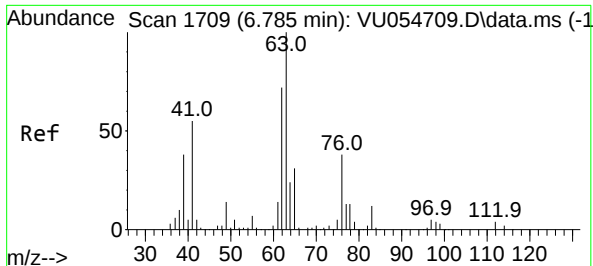
Tgt Ion: 50 Resp: 31053
Ion Ratio Lower Upper
50 100
52 32.1 23.4 43.4



#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054729.D
Acq: 30 Jun 2023 17:56

Tgt Ion: 83 Resp: 22090
Ion Ratio Lower Upper
83 100
55 0.7 67.1 100.7#
98 0.5 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.424 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU054729.D

Acq: 30 Jun 2023 17:56

Instrument :

MSVOA_U

ClientSampleId :

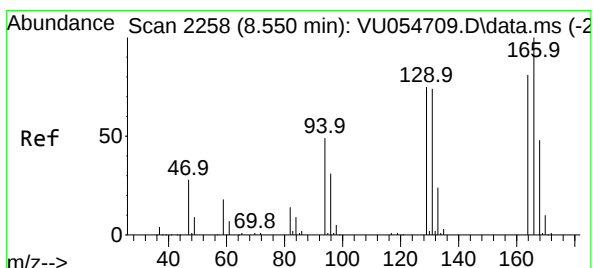
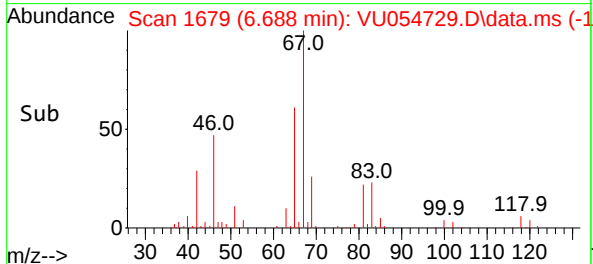
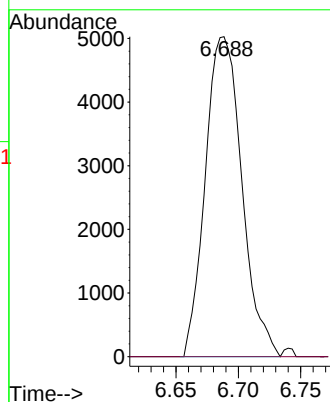
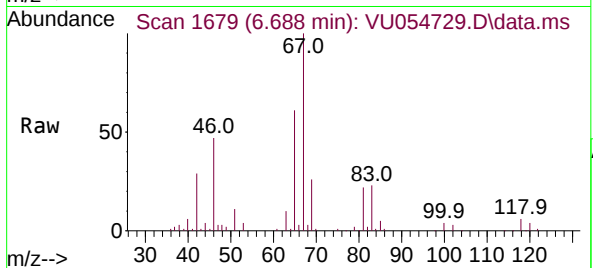
H0FA7

Tgt Ion: 63 Resp: 10266

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#



#47

Tetrachloroethene

Concen: 2.105 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054729.D

Acq: 30 Jun 2023 17:56

Tgt Ion: 164 Resp: 38190

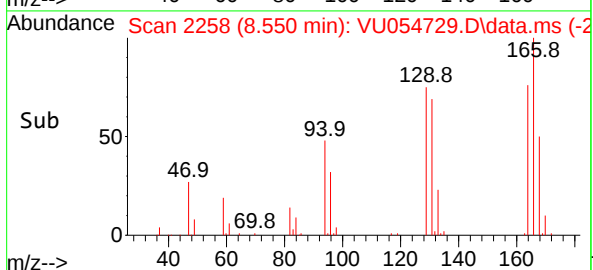
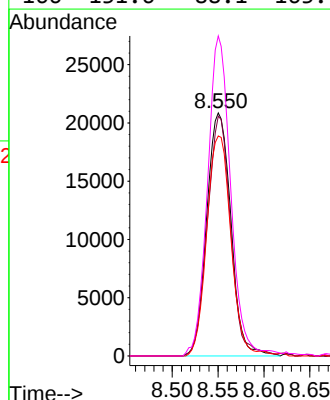
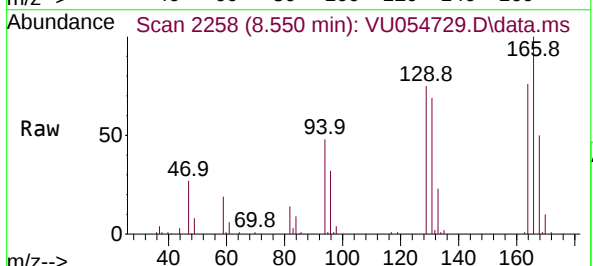
Ion Ratio Lower Upper

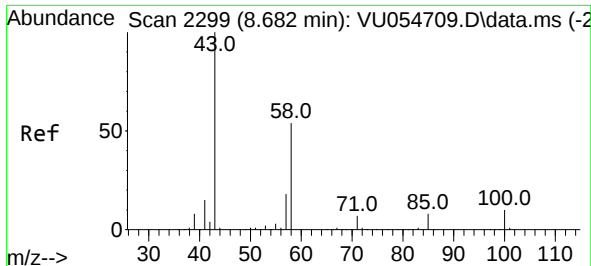
164 100

129 98.7 67.7 125.7

131 90.5 64.6 120.0

166 131.6 88.1 163.7

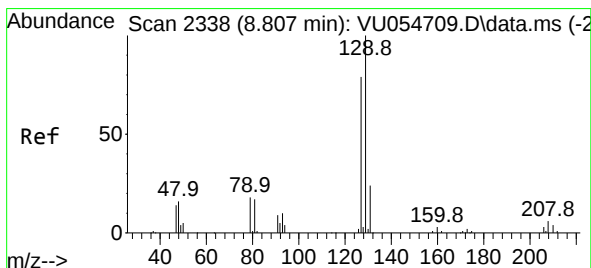
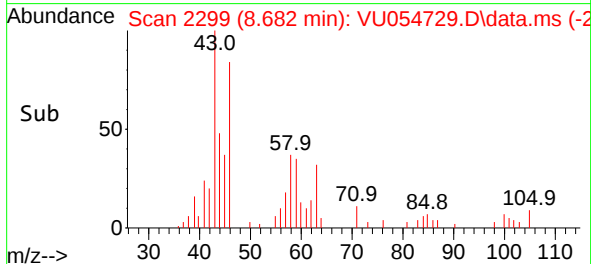
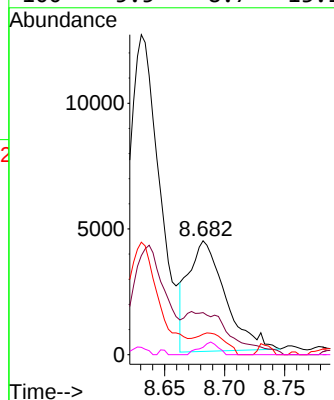
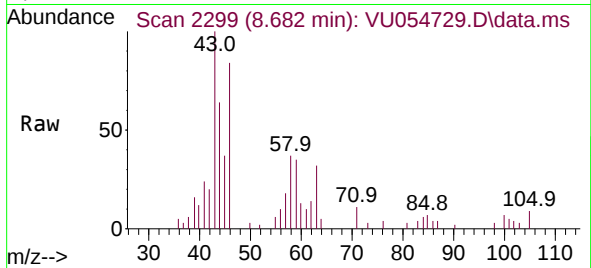




#48
2-Hexanone
Concen: 0.981 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054729.D
Acq: 30 Jun 2023 17:56

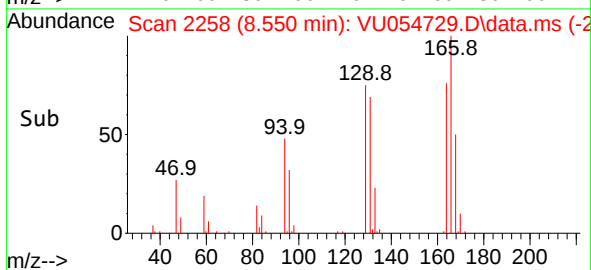
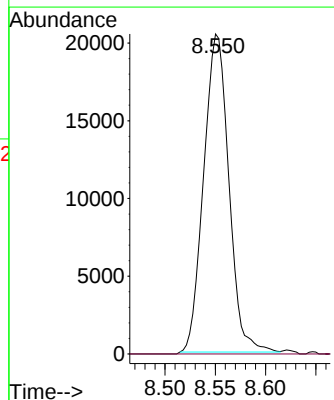
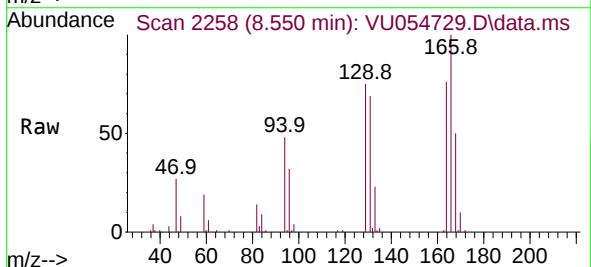
Instrument :
MSVOA_U
ClientSampleId :
H0FA7

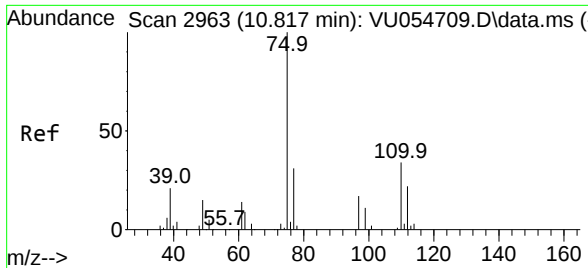
Tgt Ion: 43 Resp: 9456
Ion Ratio Lower Upper
43 100
58 47.7 45.2 67.8
57 14.8 15.8 23.6#
100 5.5 8.7 13.1#



#49
Dibromochloromethane
Concen: 2.200 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU054729.D
Acq: 30 Jun 2023 17:56

Tgt Ion: 129 Resp: 35621
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.334 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054729.D
 Acq: 30 Jun 2023 17:56

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA7

Tgt Ion:	75	Resp:	14349
Ion Ratio	Lower	Upper	
75	100		
110	2.4	28.0	42.0#
77	34.1	25.4	38.2

