

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052976.D
 Acq On : 06 Feb 2023 13:28
 Operator : JC/MD
 Sample : 01422-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B72

Quant Time: Feb 07 01:05:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

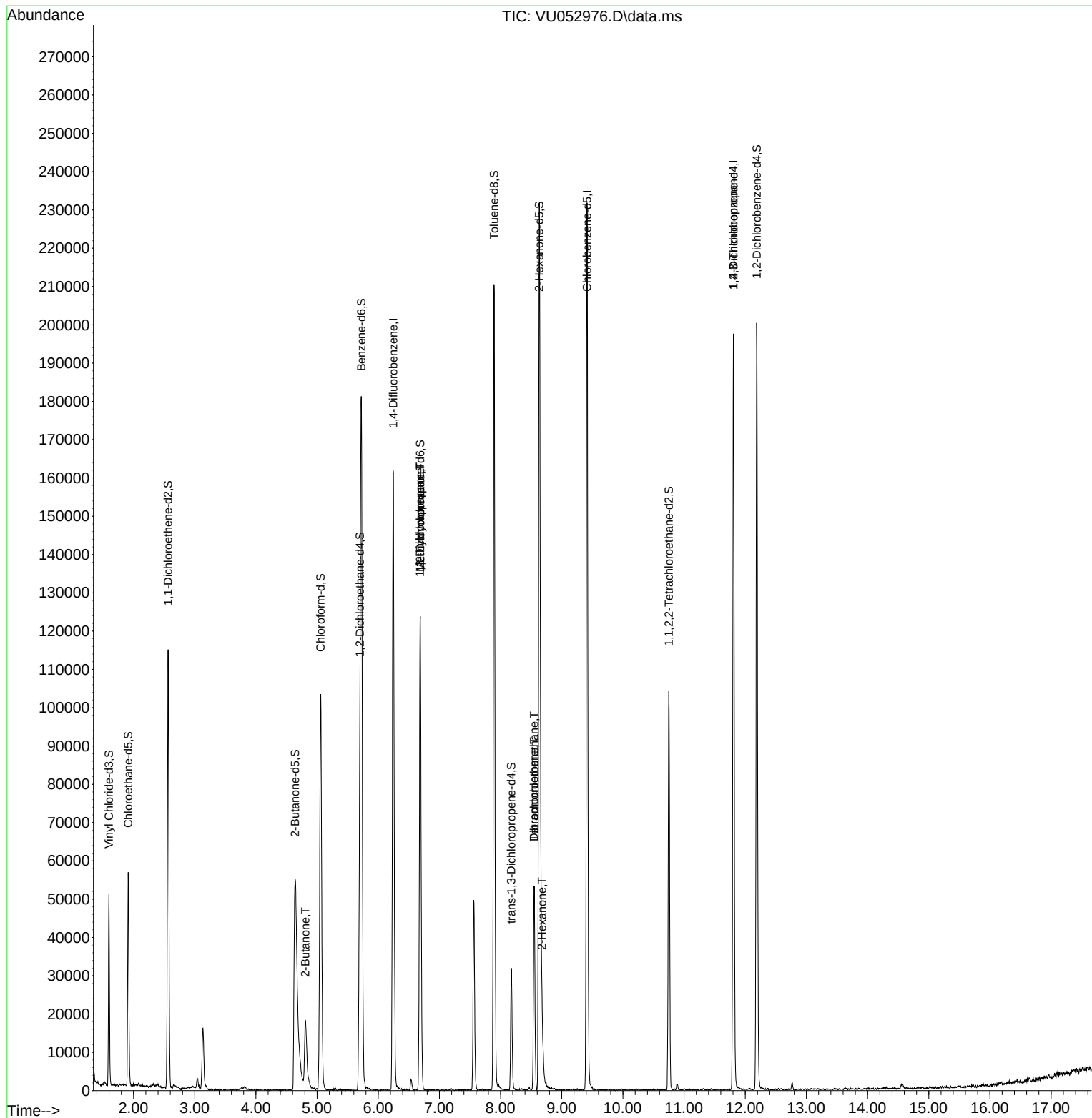
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137816	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	57487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37145	3.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.600%	
7) Chloroethane-d5	1.912	69	42377	4.382	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.565	65	22094	4.226	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.600%	
20) 2-Butanone-d5	4.642	46	119919	37.783	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.560%	
24) Chloroform-d	5.057	84	100468	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.700	65	50790	4.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
32) Benzene-d6	5.726	84	183128	4.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.687	67	60892	4.091	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.800%	
41) Toluene-d8	7.893	98	142349	3.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.200%	
43) trans-1,3-Dichloroprop...	8.176	79	19280	3.483	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.600%	
46) 2-Hexanone-d5	8.632	63	77855	33.858	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.720%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50948	4.470	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	12.188	152	55675	5.320	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						
					Qvalue	
21) 2-Butanone	4.809	43	26193	7.148	ug/L #	49
35) Methylcyclohexane	6.687	83	14616	0.686	ug/L #	16
37) 1,2-Dichloropropane	6.684	63	6310	0.431	ug/L #	89
47) Tetrachloroethene	8.549	164	11676	1.228	ug/L	92
48) 2-Hexanone	8.677	43	5349	0.873	ug/L #	60
49) Dibromochloromethane	8.549	129	11678	1.097	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	6187	0.926	ug/L #	68

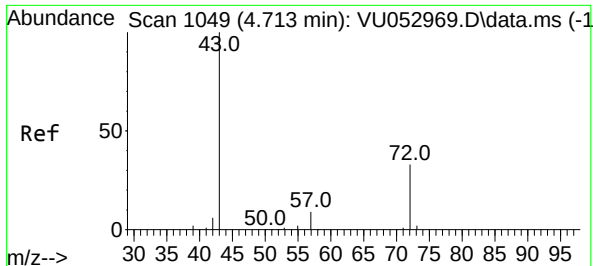
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 7.148 ug/L

RT: 4.809 min Scan# 1

Delta R.T. 0.096 min

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Acq: 06 Feb 2023 13:28

Instrument :

MSVOA_U

ClientSampleId :

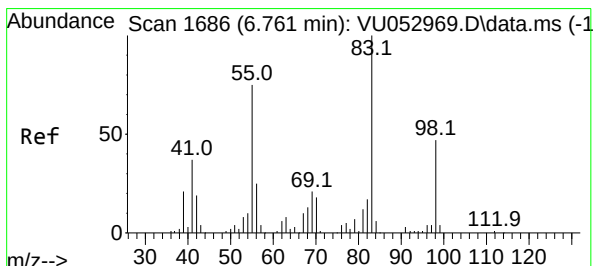
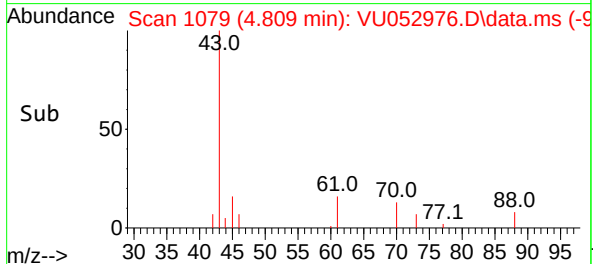
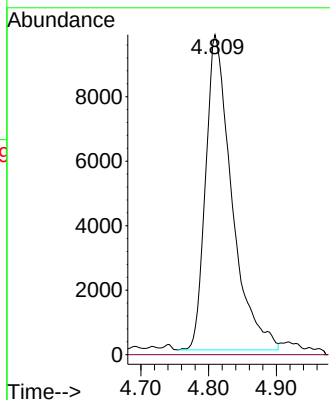
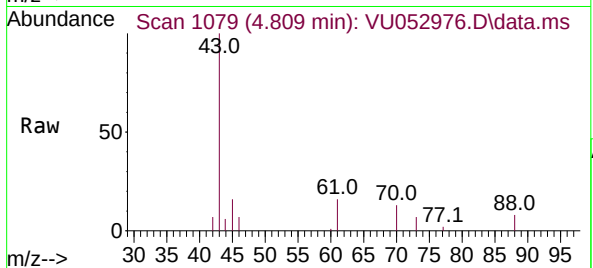
C0B72

Tgt Ion: 43 Resp: 26193

Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.6#



#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052976.D

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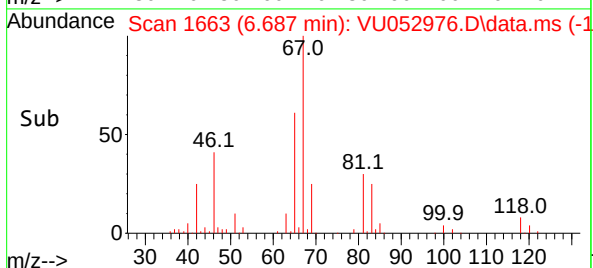
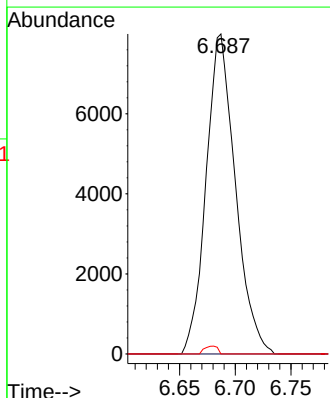
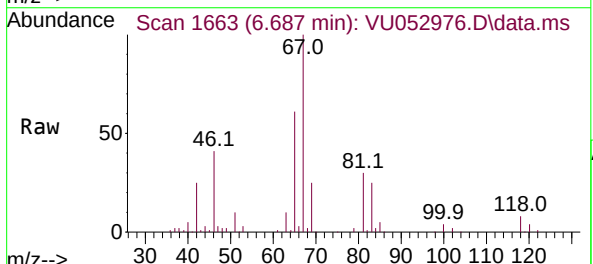
Tgt Ion: 83 Resp: 14616

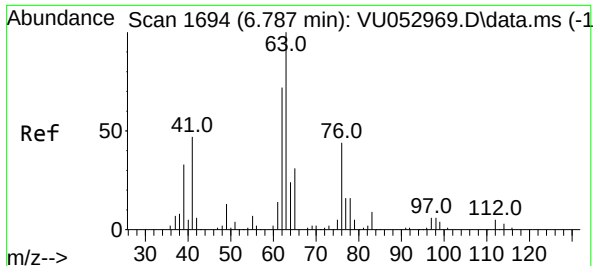
Ion Ratio Lower Upper

83 100

55 0.0 67.6 101.4#

98 1.1 37.1 55.7#





#37

1,2-Dichloropropane

Concen: 0.431 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052976.D

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Instrument :

MSVOA_U

ClientSampleId :

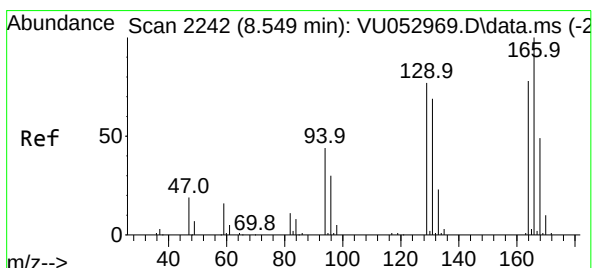
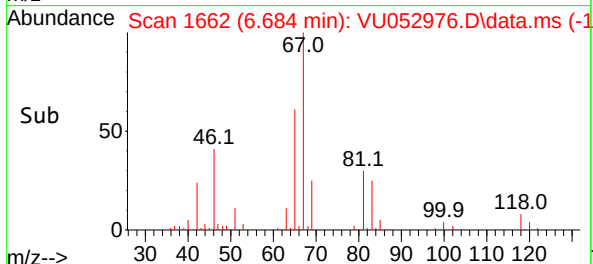
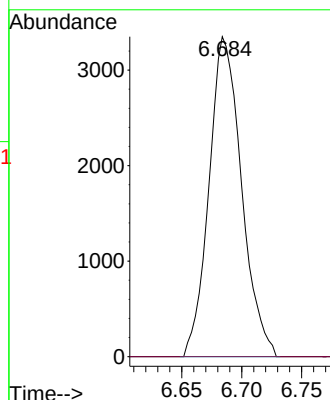
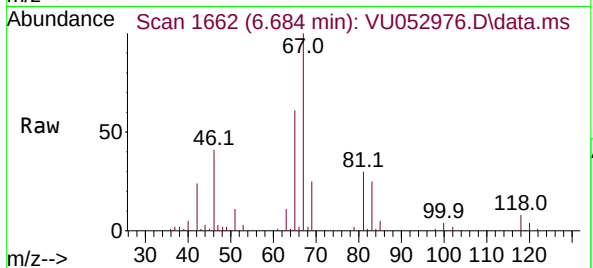
C0B72

Tgt Ion: 63 Resp: 6310

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#47

Tetrachloroethene

Concen: 1.228 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU052976.D

Acq: 06 Feb 2023 13:28

Tgt Ion: 164 Resp: 11676

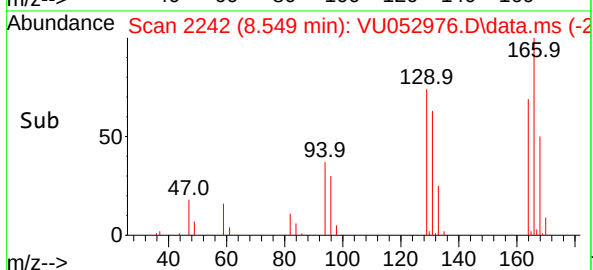
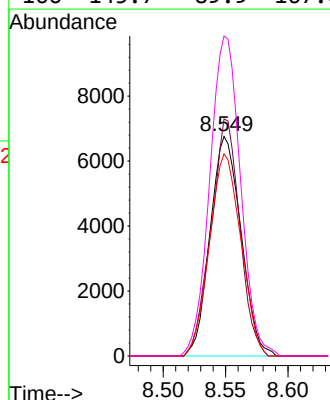
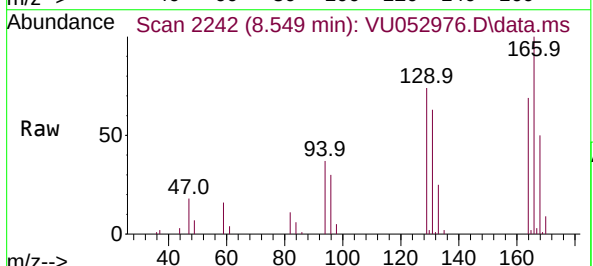
Ion Ratio Lower Upper

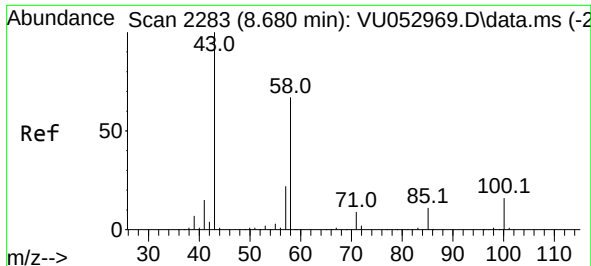
164 100

129 107.9 71.8 133.4

131 92.0 66.6 123.6

166 145.7 89.9 167.0

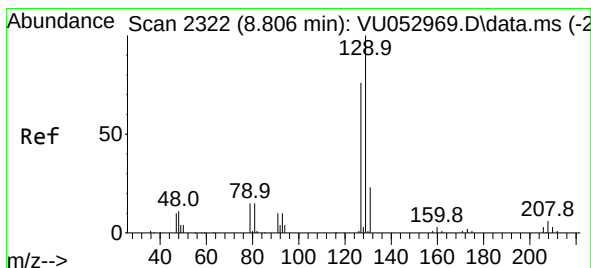
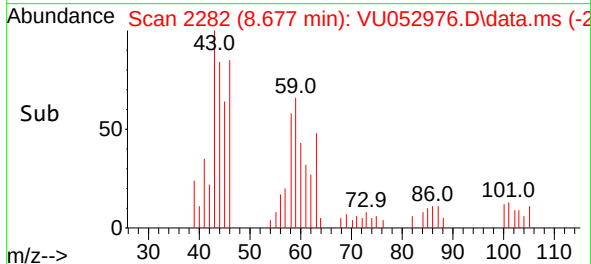
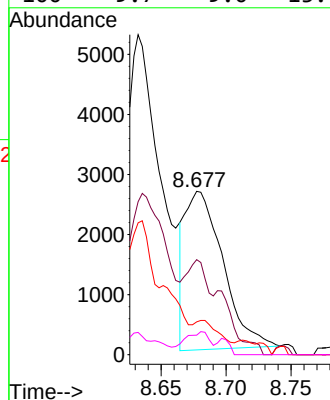
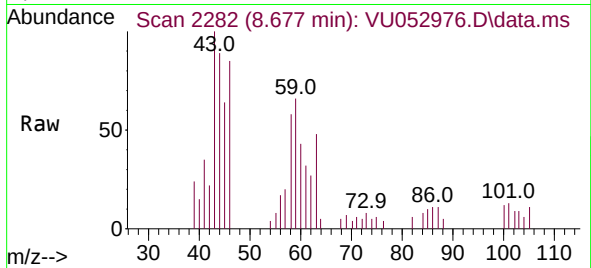




#48
2-Hexanone
Concen: 0.873 ug/L
RT: 8.677 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU052976.D
Acq: 06 Feb 2023 13:28

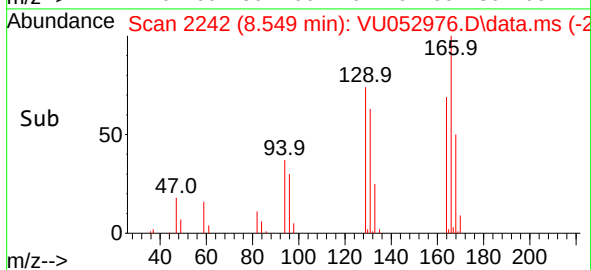
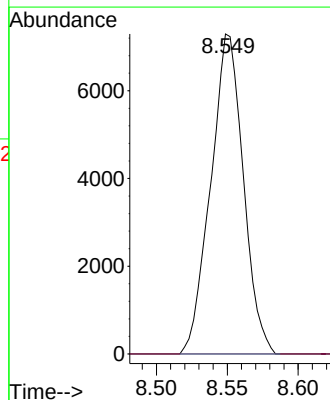
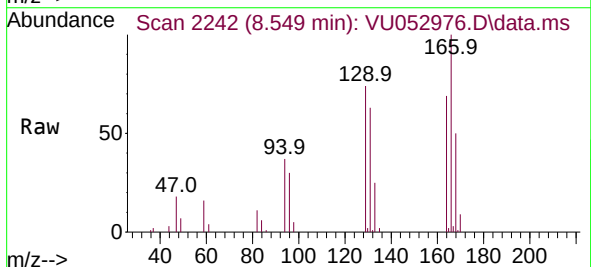
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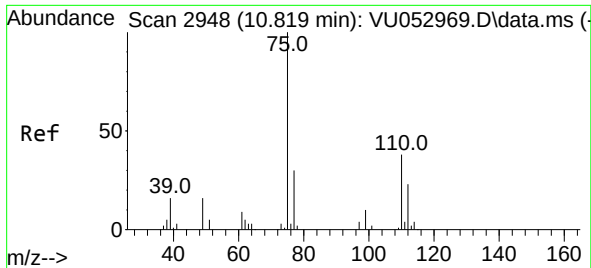
Tgt Ion: 43	Resp: 5349
Ion Ratio	Lower Upper
43 100	
58 14.1	45.1 67.7#
57 14.4	15.1 22.7#
100 9.7	9.0 13.4



#49
Dibromochloromethane
Concen: 1.097 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052976.D
Acq: 06 Feb 2023 13:28

Tgt Ion:129	Resp:	11678	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.926 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052976.D
 Acq: 06 Feb 2023 13:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B72

Tgt Ion: 75 Resp: 6187
 Ion Ratio Lower Upper
 75 100
 110 1.2 27.2 40.8#
 77 31.9 24.0 36.0

