

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049856.D
 Acq On : 22 Jul 2022 17:48
 Operator : SY/MD
 Sample : N3802-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY0

Quant Time: Jul 23 02:36:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

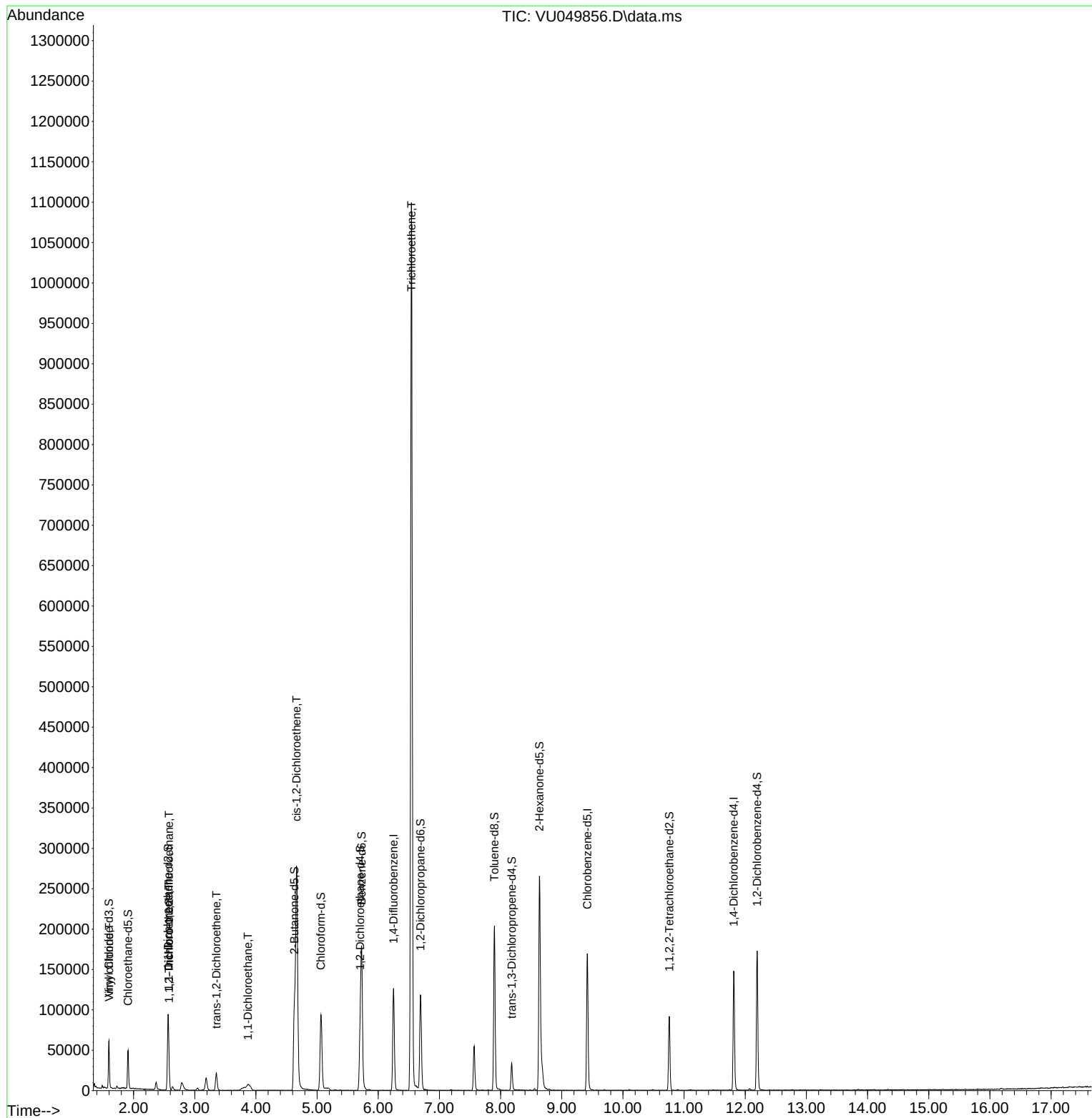
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	95739	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90511	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	37055	4.781	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.909	69	33084	5.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.565	65	15980	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.629	46	142270	51.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.020%
24) Chloroform-d	5.063	84	84561	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.703	65	48785	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.729	84	159520	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.690	67	55705	5.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.899	98	128831	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.182	79	18966	4.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.635	63	81136	52.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45028	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	43659	5.655	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	5527	0.532	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2380	0.381	ug/L #	88
12) 1,1-Dichloroethene	2.575	96	4959	0.784	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	8512	1.164	ug/L	97
19) 1,1-Dichloroethane	3.870	63	3329	0.211	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	126002	14.877	ug/L	99
34) Trichloroethene	6.542	95	369998	46.463	ug/L	98

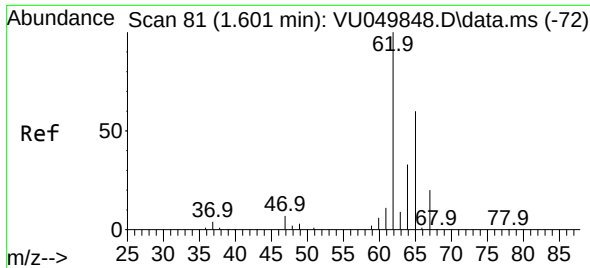
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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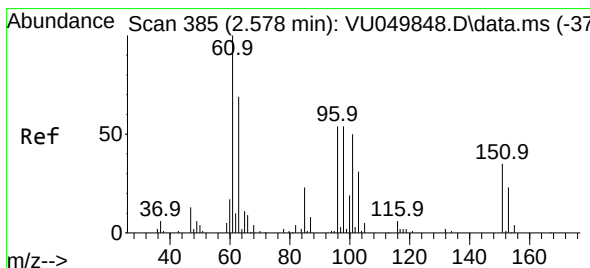
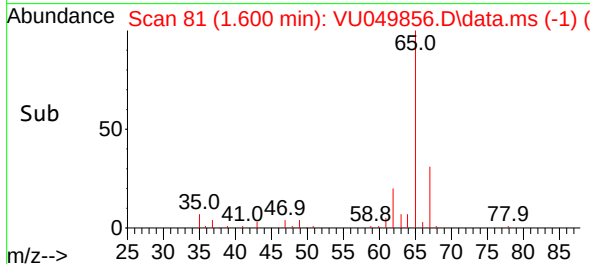
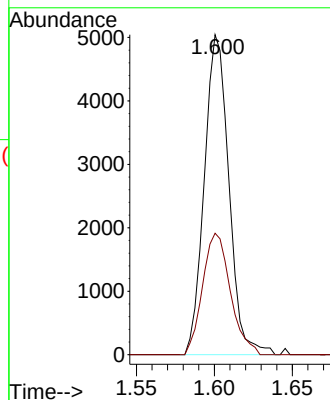
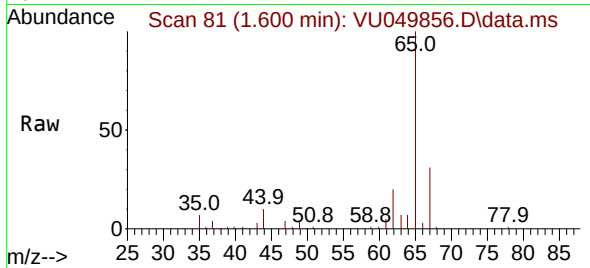




#5
 Vinyl chloride
 Concen: 0.532 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049856.D
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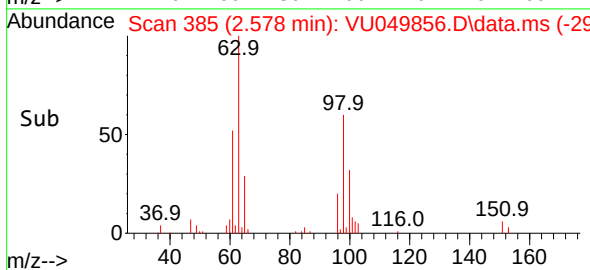
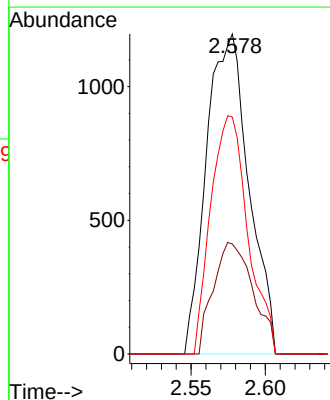
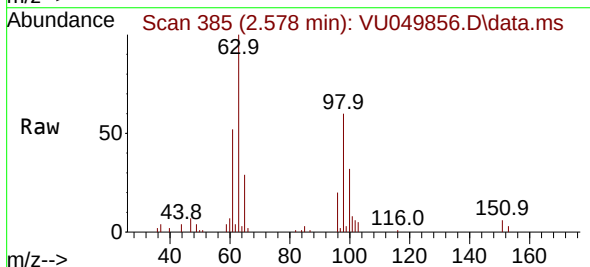
Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY0

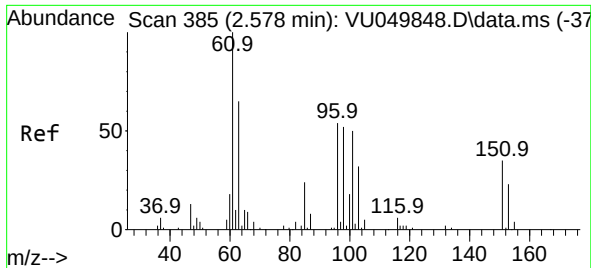
Tgt Ion: 62 Resp: 5527
 Ion Ratio Lower Upper
 62 100
 64 37.9 22.7 42.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.381 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049856.D
 Acq: 22 Jul 2022 17:48

Tgt Ion: 101 Resp: 2380
 Ion Ratio Lower Upper
 101 100
 85 32.6 37.2 55.8#
 151 65.1 56.0 84.0





#12

1,1-Dichloroethene

Concen: 0.784 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU049856.D

Acq: 22 Jul 2022 17:48

Instrument :

MSVOA_U

ClientSampleId :

GBHY0

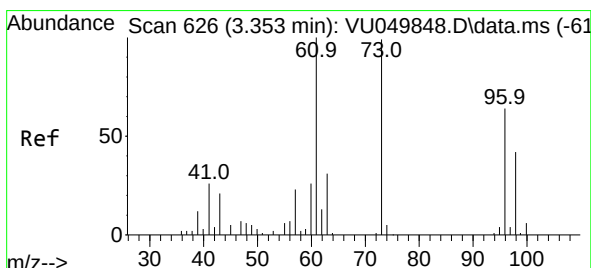
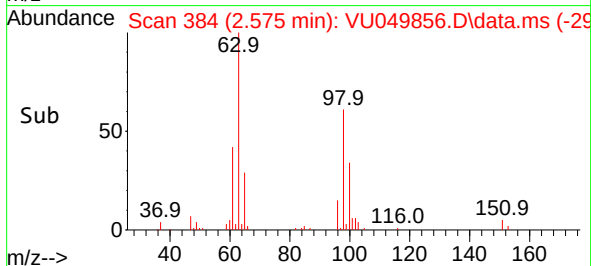
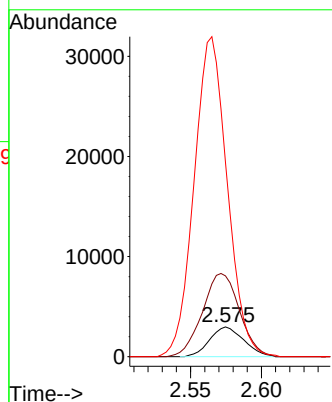
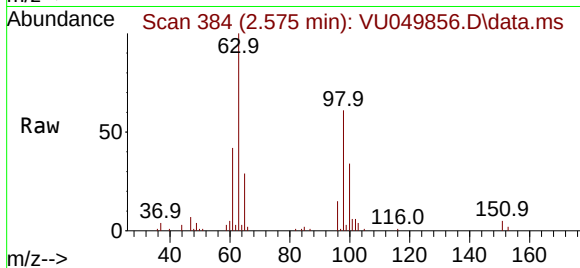
Tgt Ion: 96 Resp: 4959

Ion Ratio Lower Upper

96 100

61 271.9 131.6 244.4#

63 653.6 100.0 185.6#



#18

trans-1,2-Dichloroethene

Concen: 1.164 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU049856.D

Acq: 22 Jul 2022 17:48

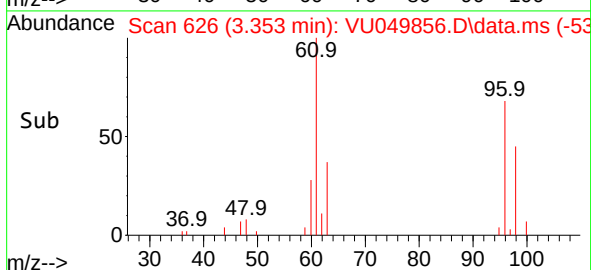
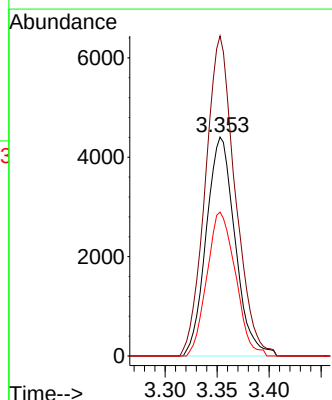
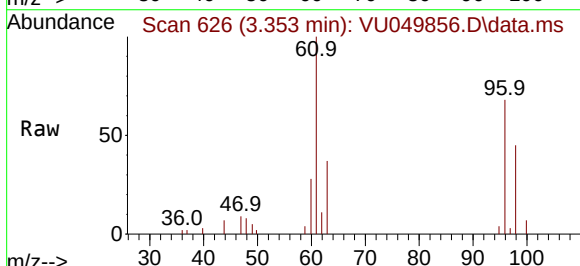
Tgt Ion: 96 Resp: 8512

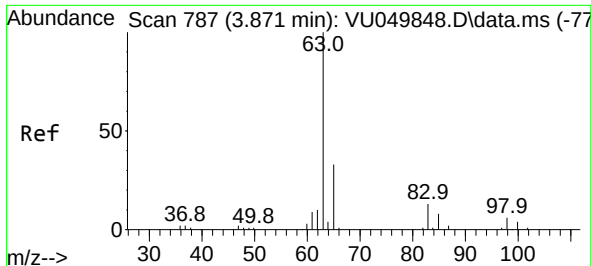
Ion Ratio Lower Upper

96 100

61 146.1 101.5 188.5

98 65.7 42.5 78.9





#19

1,1-Dichloroethane

Concen: 0.211 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU049856.D

Acq: 22 Jul 2022 17:48

Instrument :

MSVOA_U

ClientSampleId :

GBHY0

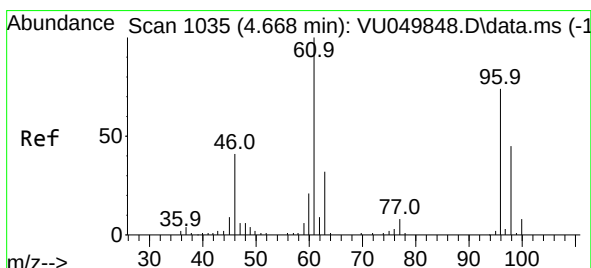
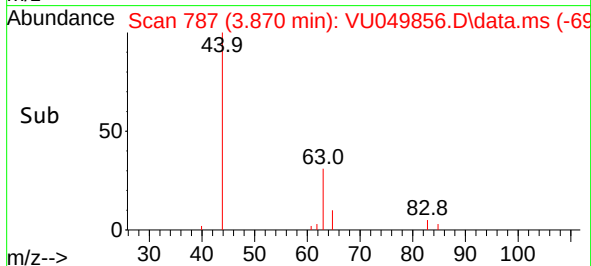
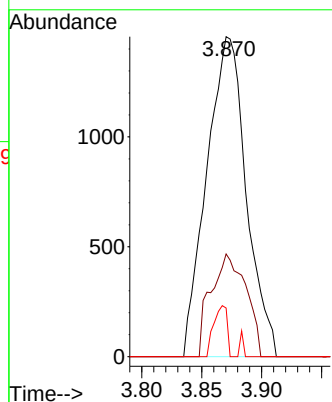
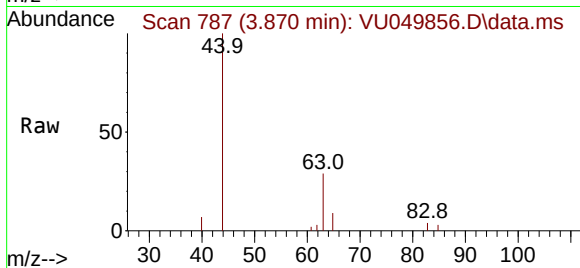
Tgt Ion: 63 Resp: 3329

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.9

83 15.2 8.3 15.5



#22

cis-1,2-Dichloroethene

Concen: 14.877 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049856.D

Acq: 22 Jul 2022 17:48

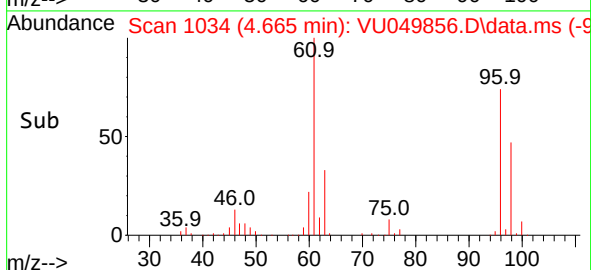
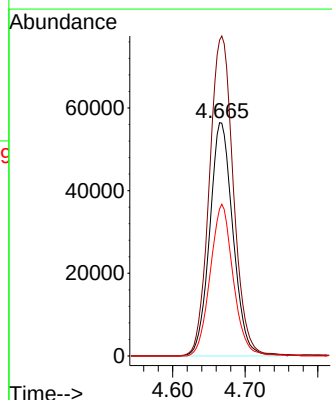
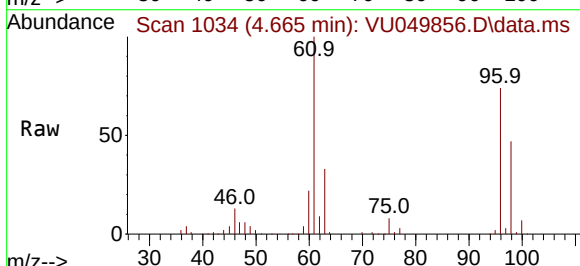
Tgt Ion: 96 Resp: 126002

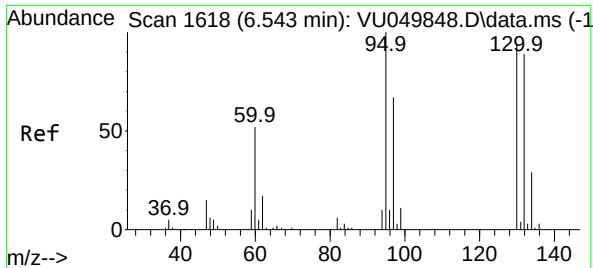
Ion Ratio Lower Upper

96 100

61 135.4 93.9 174.3

98 63.0 43.9 81.5





#34
 Trichloroethene
 Concen: 46.463 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU049856.D
 Acq: 22 Jul 2022 17:48

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 95 Resp: 369998

Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.8	86.8
132	88.7	61.8	114.8
130	93.6	66.3	123.1

