

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047396.D
 Acq On : 08 Mar 2022 17:22
 Operator : SY/MD
 Sample : N1840-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20DL

Quant Time: Mar 09 03:05:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

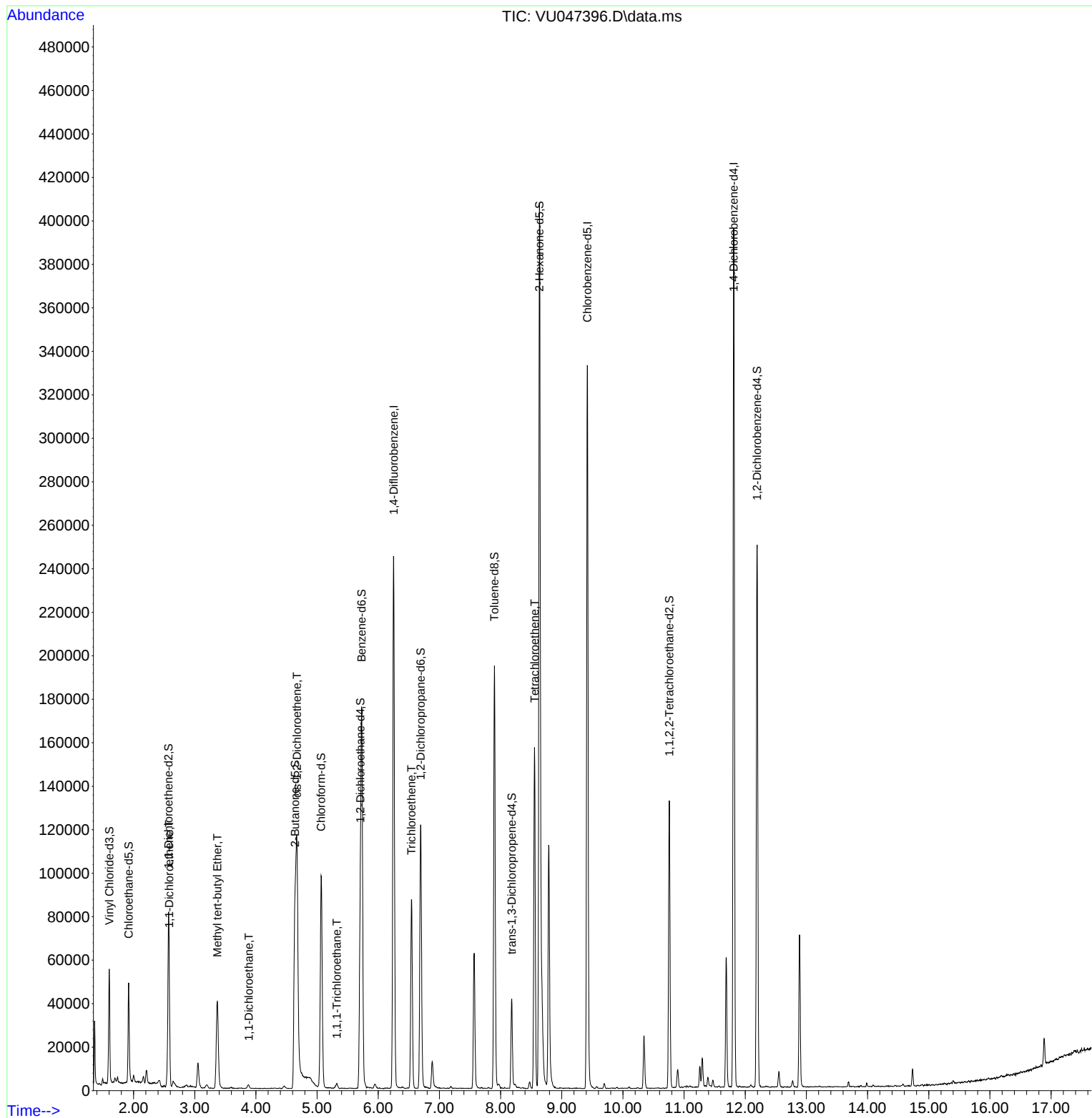
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	210138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	199279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	110493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31370	2.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.000%
7) Chloroethane-d5	1.919	69	34598	2.781	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.600%#
11) 1,1-Dichloroethene-d2	2.571	65	13973	2.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.400%#
20) 2-Butanone-d5	4.639	46	166776	34.061	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.120%
24) Chloroform-d	5.066	84	90117	3.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
26) 1,2-Dichloroethane-d4	5.706	65	53662	3.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
32) Benzene-d6	5.729	84	165247	2.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.800%#
36) 1,2-Dichloropropane-d6	6.693	67	60125	3.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.899	98	133791	2.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	50.400%#
43) trans-1,3-Dichloroprop...	8.182	79	23901	3.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.200%
46) 2-Hexanone-d5	8.635	63	172538	39.466	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	63567	3.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	71025	3.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.600%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	4169	0.405	ug/L #	1
17) Methyl tert-butyl Ether	3.369	73	47672	1.728	ug/L	98
19) 1,1-Dichloroethane	3.883	63	2546	0.137	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	44169	3.627	ug/L	93
29) 1,1,1-Trichloroethane	5.324	97	2134	0.128	ug/L #	86
34) Trichloroethene	6.542	95	28640	2.423	ug/L	95
47) Tetrachloroethene	8.555	164	36770	3.652	ug/L	91

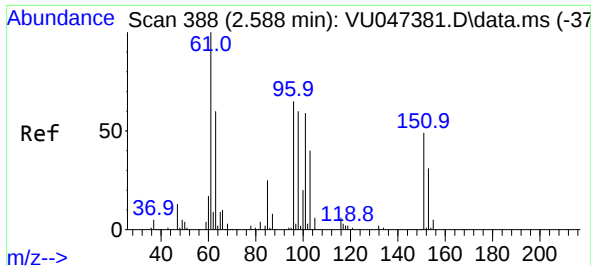
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.405 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU047396.D

Acq: 08 Mar 2022 17:22

Instrument :

MSVOA_U

ClientSampleId :

BFY20DL

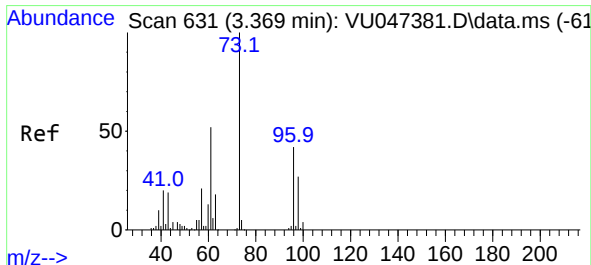
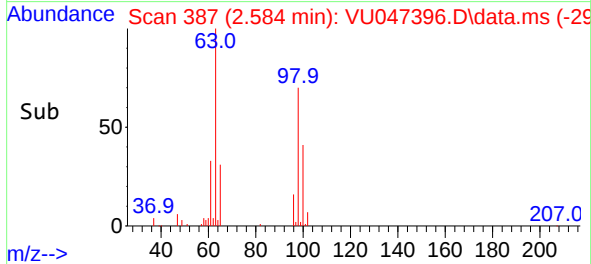
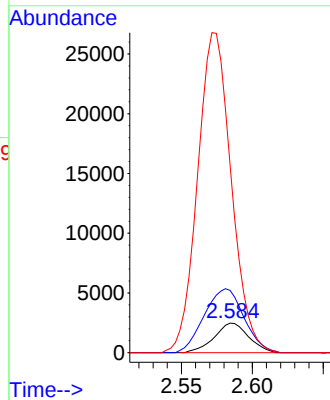
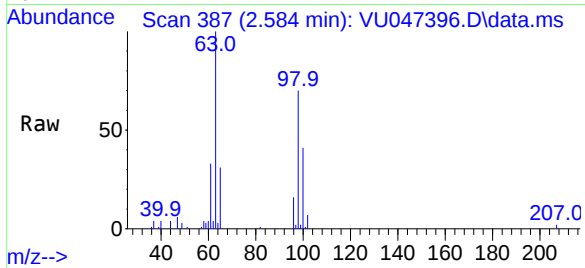
Tgt Ion: 96 Resp: 4169

Ion Ratio Lower Upper

96 100

61 210.7 124.7 231.5

63 634.1 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 1.728 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.000 min

Lab File: VU047396.D

Acq: 08 Mar 2022 17:22

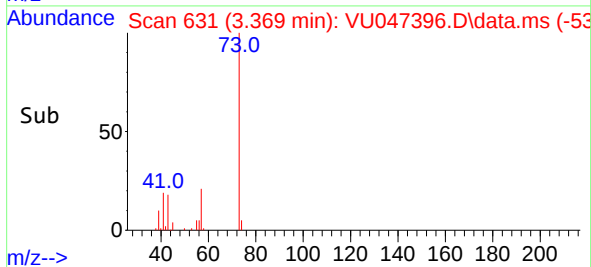
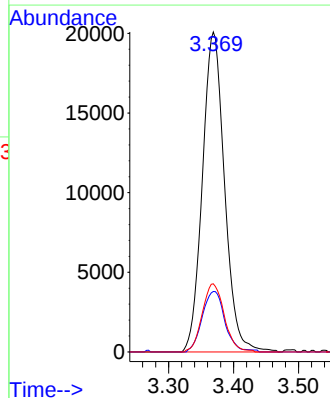
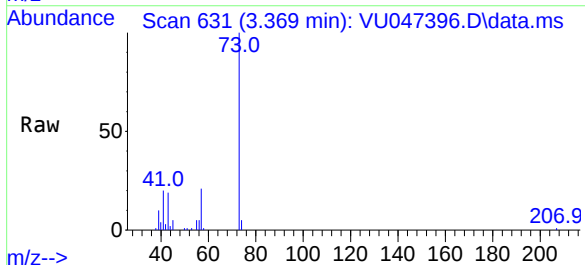
Tgt Ion: 73 Resp: 47672

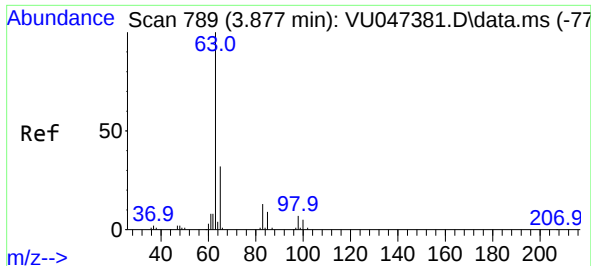
Ion Ratio Lower Upper

73 100

43 19.5 14.8 22.2

57 21.2 17.4 26.0





#19

1,1-Dichloroethane

Concen: 0.137 ug/L

RT: 3.883 min Scan# 791

Delta R.T. 0.006 min

Lab File: VU047396.D

Acq: 08 Mar 2022 17:22

Instrument :

MSVOA_U

ClientSampleId :

BFY20DL

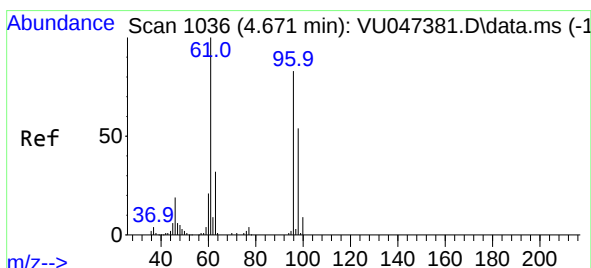
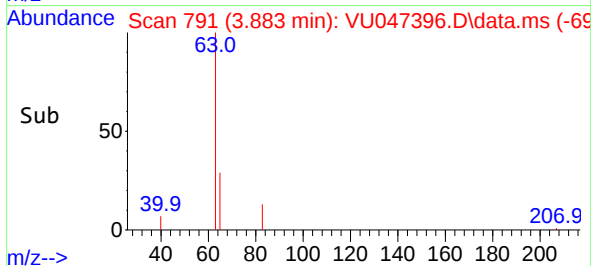
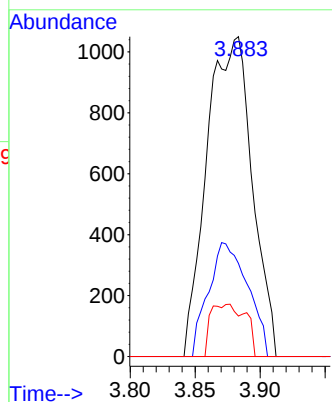
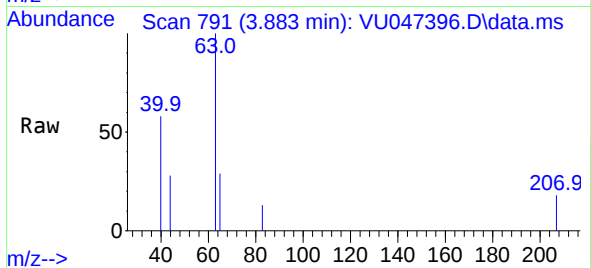
Tgt Ion: 63 Resp: 2546

Ion Ratio Lower Upper

63 100

65 29.1 22.3 41.5

83 12.7 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 3.627 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047396.D

Acq: 08 Mar 2022 17:22

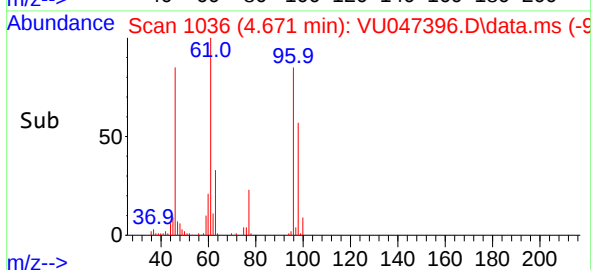
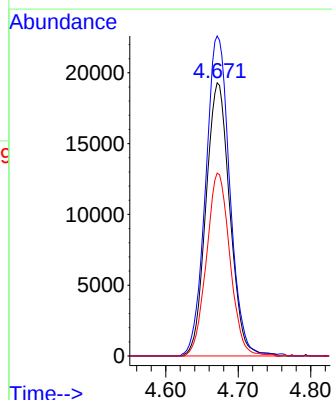
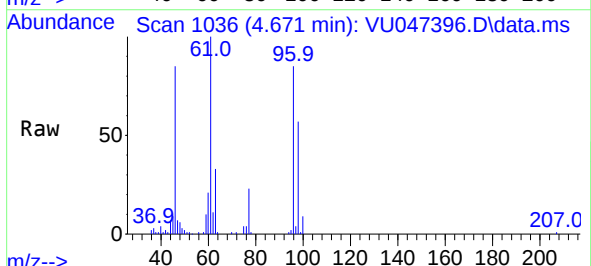
Tgt Ion: 96 Resp: 44169

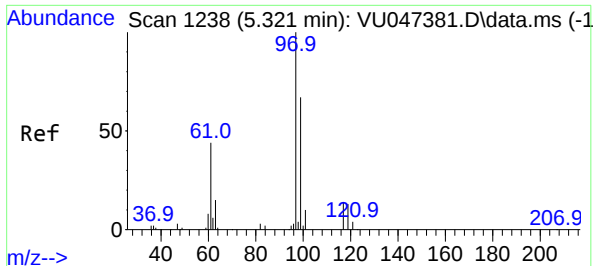
Ion Ratio Lower Upper

96 100

61 117.2 88.5 164.3

98 67.0 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.128 ug/L

RT: 5.324 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047396.D

Acq: 08 Mar 2022 17:22

Instrument :

MSVOA_U

ClientSampleId :

BFY20DL

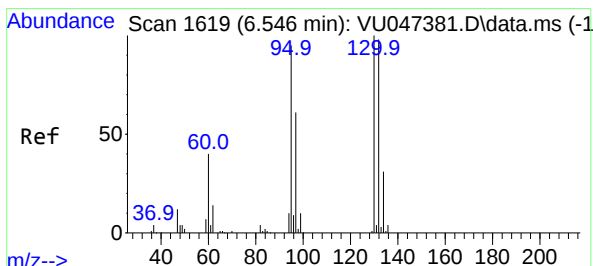
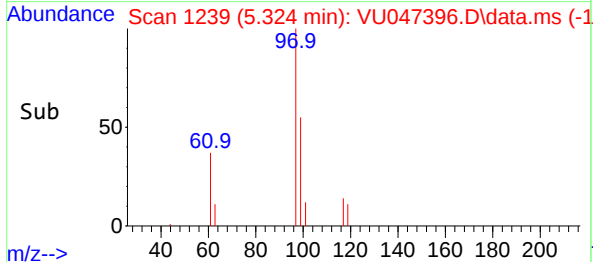
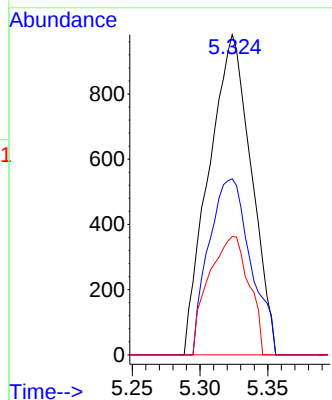
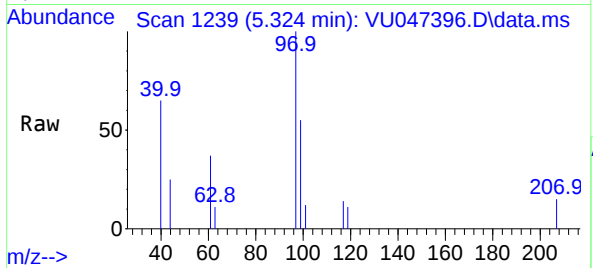
Tgt Ion: 97 Resp: 2134

Ion Ratio Lower Upper

97 100

99 54.6 51.3 76.9

61 35.0 36.1 54.1#



#34

Trichloroethene

Concen: 2.423 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU047396.D

Acq: 08 Mar 2022 17:22

Tgt Ion: 95 Resp: 28640

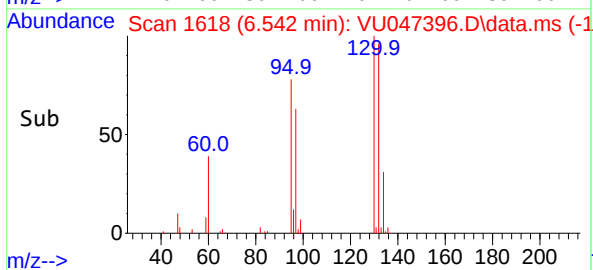
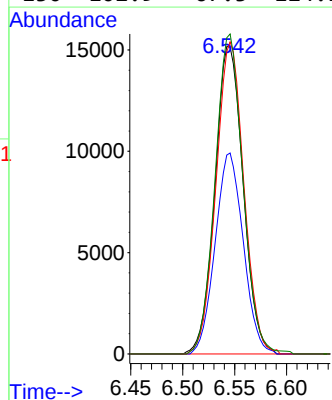
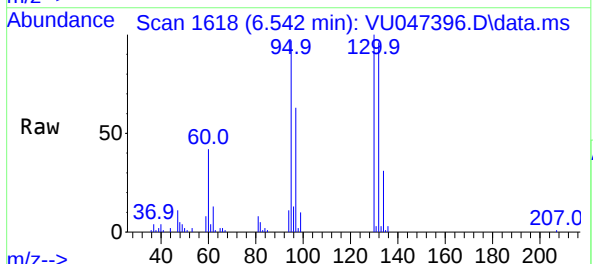
Ion Ratio Lower Upper

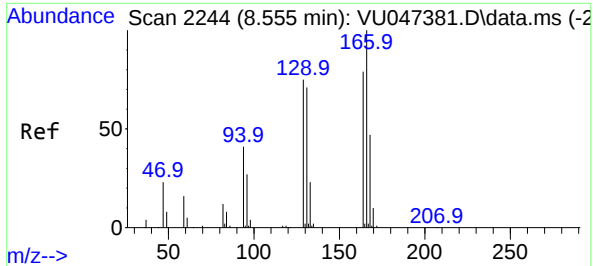
95 100

97 64.7 46.5 86.5

132 98.3 65.1 120.9

130 102.9 67.3 124.9





#47
 Tetrachloroethene
 Concen: 3.652 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047396.D
 Acq: 08 Mar 2022 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20DL

Tgt Ion:164 Resp: 36770

Ion	Ratio	Lower	Upper
164	100		
129	89.3	71.8	133.4
131	90.0	68.5	127.3
166	125.5	94.1	174.8

