

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047705.D
 Acq On : 26 Mar 2022 13:49
 Operator : SY/MD
 Sample : N2082-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW604

Quant Time: Mar 28 05:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

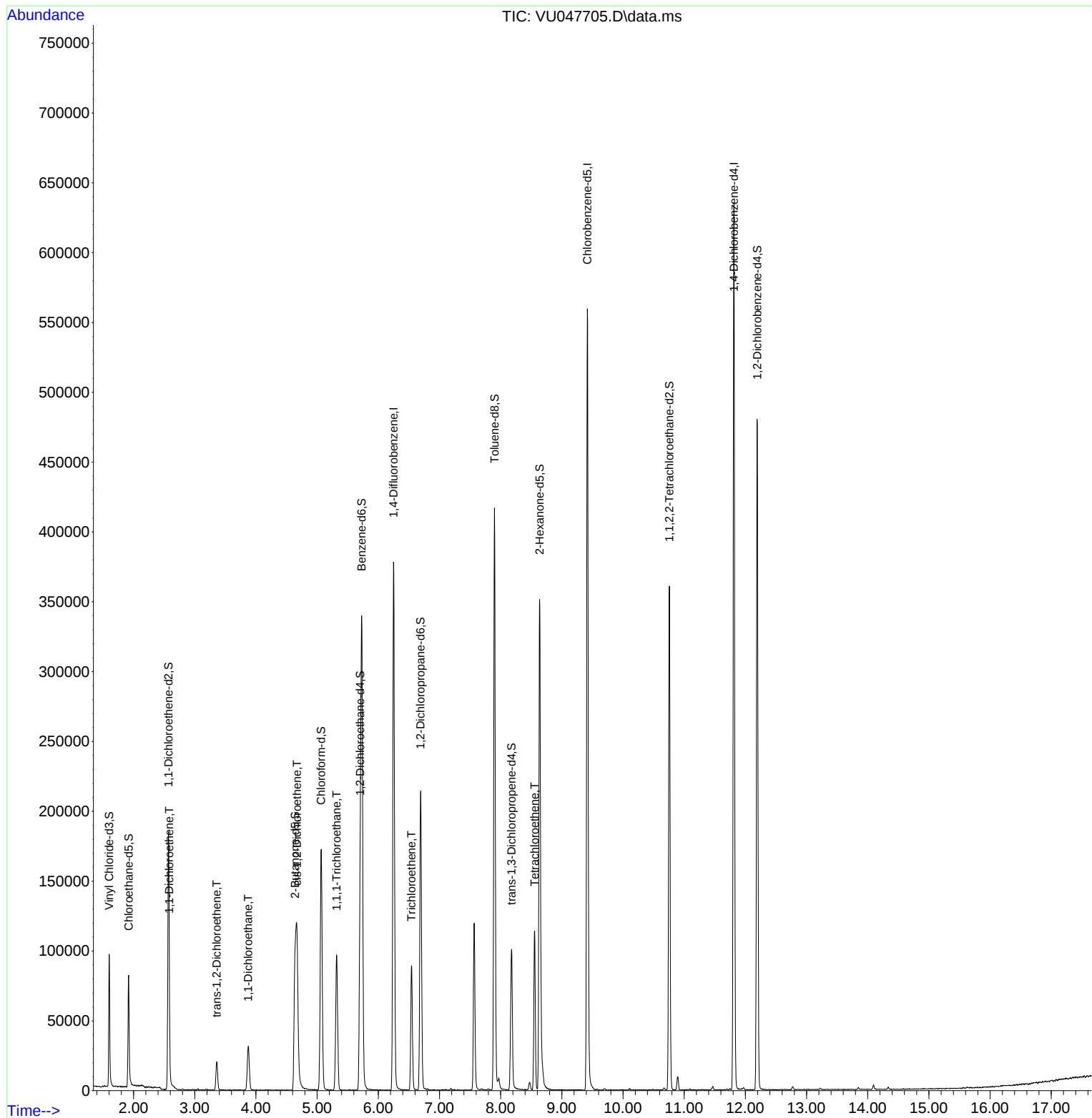
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317585	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	327846	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	176037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69846	30.328	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	60.660%	
7) Chloroethane-d5	1.919	69	60742	33.450	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	66.900%#	
11) 1,1-Dichloroethene-d2	2.572	63	105682	25.081	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	50.160%#	
21) 2-Butanone-d5	4.642	46	178483	90.292	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	90.290%	
24) Chloroform-d	5.067	84	162634	38.595	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.180%	
26) 1,2-Dichloroethane-d4	5.703	65	103928	40.212	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.420%	
32) Benzene-d6	5.729	84	313394	37.989	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	75.980%	
36) 1,2-Dichloropropane-d6	6.690	67	102834	40.590	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	81.180%	
41) Toluene-d8	7.899	98	282245	35.116	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	70.240%#	
43) trans-1,3-Dichloroprop...	8.179	79	48729	37.965	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.940%	
47) 2-Hexanone-d5	8.636	63	128838	86.870	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.870%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	175975	40.473	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	80.940%	
66) 1,2-Dichlorobenzene-d4	12.195	152	133281	42.556	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.120%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	2844	1.305	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	8580	3.651	ug/L	99
19) 1,1-Dichloroethane	3.874	63	36326	8.964	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	40832	15.851	ug/L	93
30) 1,1,1-Trichloroethane	5.317	97	68412	18.403	ug/L	97
34) Trichloroethene	6.543	95	29871	12.007	ug/L	97
46) Tetrachloroethene	8.555	164	26586	11.892	ug/L	98

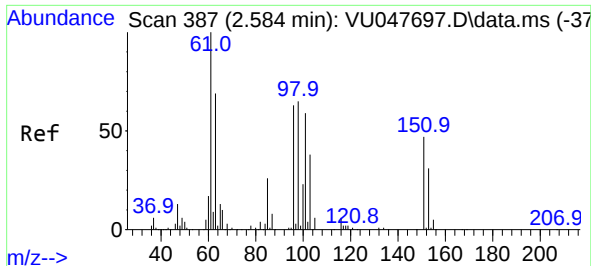
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 28 05:05:44 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.305 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047705.D

Acq: 26 Mar 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :

EW604

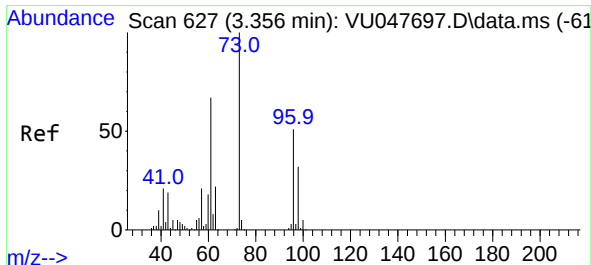
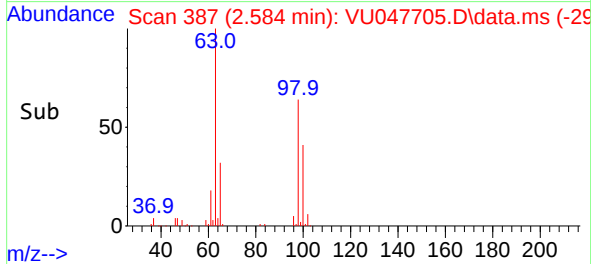
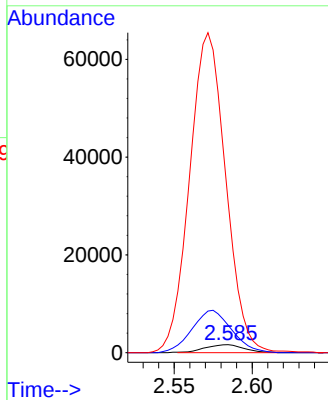
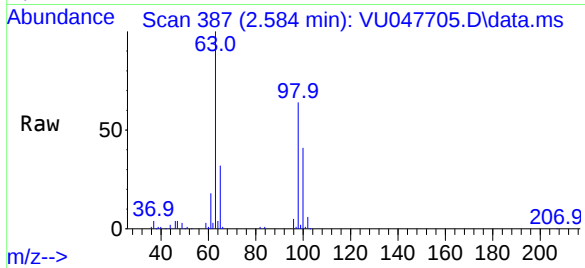
Tgt Ion: 96 Resp: 2844

Ion Ratio Lower Upper

96 100

61 343.6 113.1 210.1#

63 1879.3 94.8 176.0#



#17

trans-1,2-Dichloroethene

Concen: 3.651 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.003 min

Lab File: VU047705.D

Acq: 26 Mar 2022 13:49

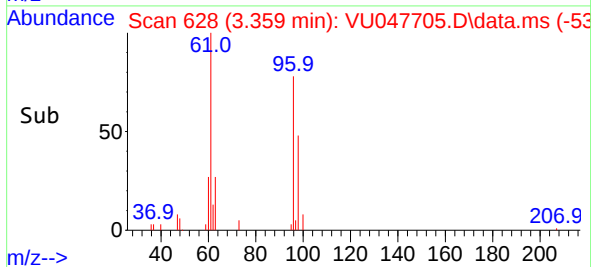
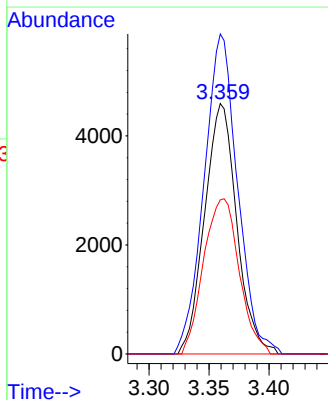
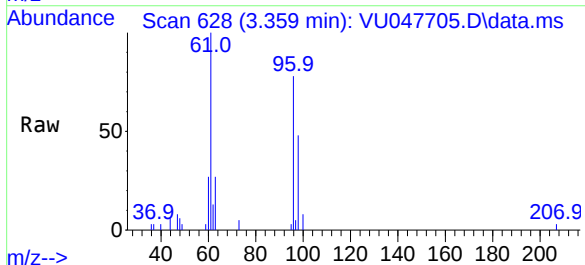
Tgt Ion: 96 Resp: 8580

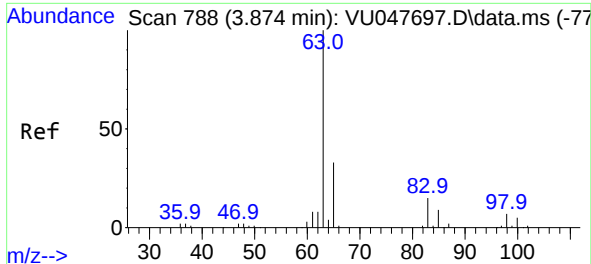
Ion Ratio Lower Upper

96 100

61 127.8 88.4 164.2

98 61.5 43.3 80.5

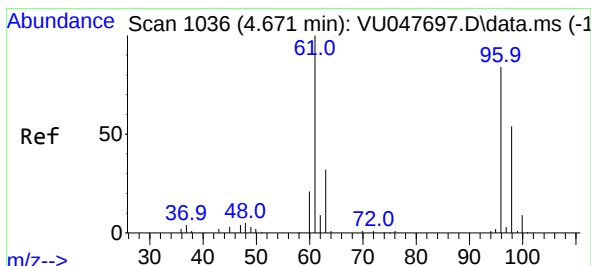
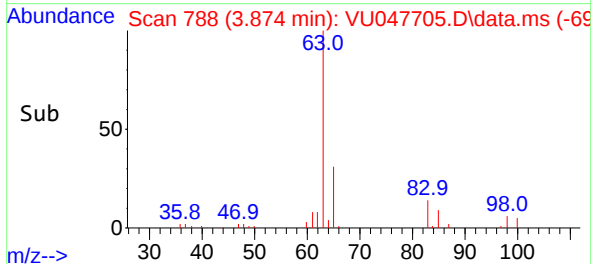
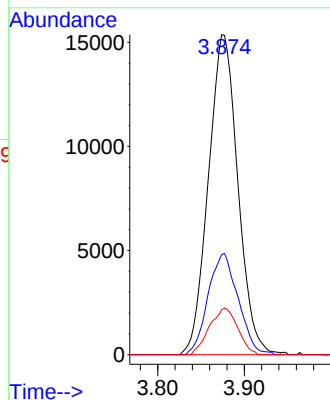
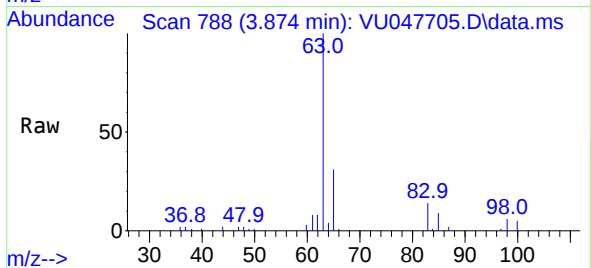




#19
1,1-Dichloroethane
Concen: 8.964 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047705.D
Acq: 26 Mar 2022 13:49

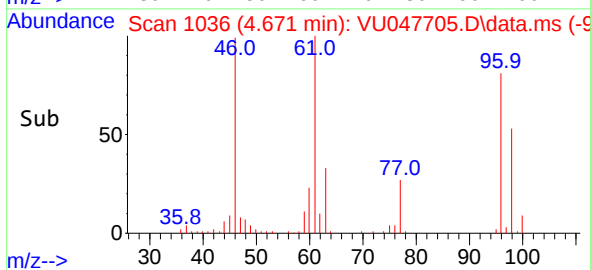
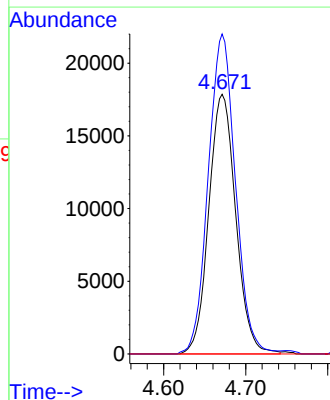
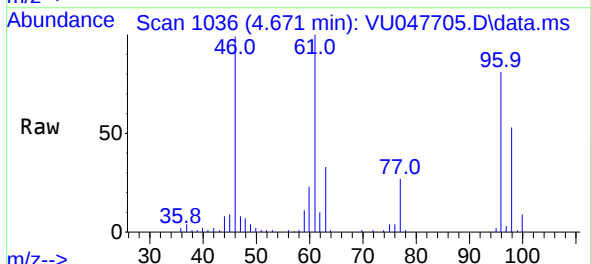
Instrument :
MSVOA_U
ClientSampleId :
EW604

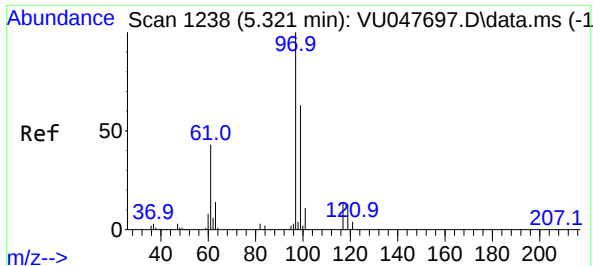
Tgt Ion: 63 Resp: 36326
Ion Ratio Lower Upper
63 100
65 31.3 22.0 41.0
83 14.0 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 15.851 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047705.D
Acq: 26 Mar 2022 13:49

Tgt Ion: 96 Resp: 40832
Ion Ratio Lower Upper
96 100
61 123.3 80.7 149.9
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 18.403 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047705.D

Acq: 26 Mar 2022 13:49

Instrument :

MSVOA_U

ClientSampleId :

EW604

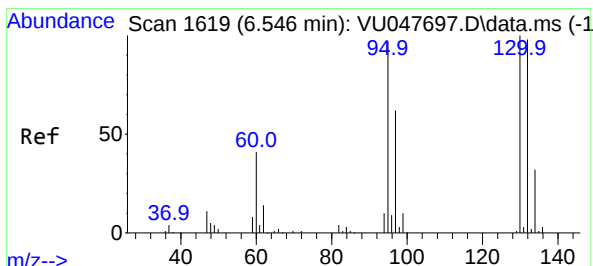
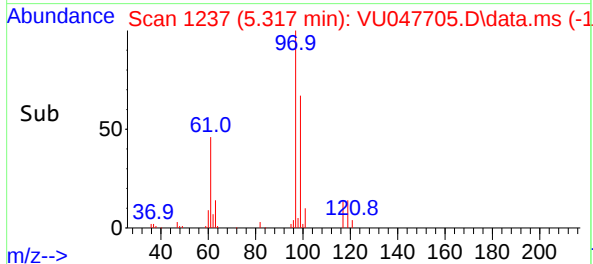
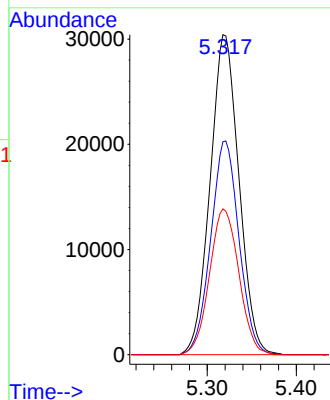
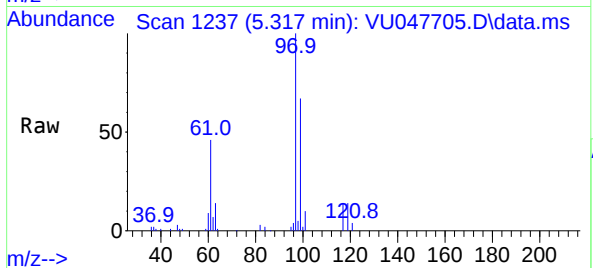
Tgt Ion: 97 Resp: 68412

Ion Ratio Lower Upper

97 100

99 65.6 51.6 77.4

61 46.4 34.2 51.4



#34

Trichloroethene

Concen: 12.007 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU047705.D

Acq: 26 Mar 2022 13:49

Tgt Ion: 95 Resp: 29871

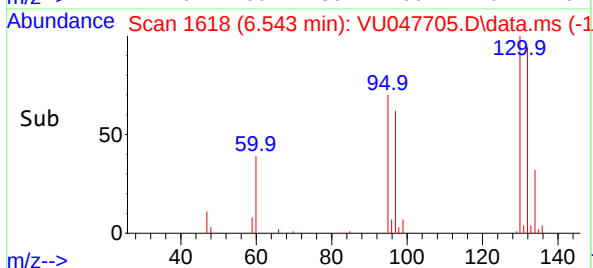
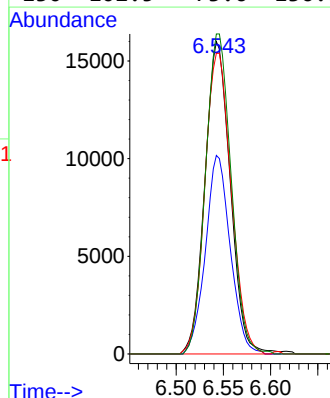
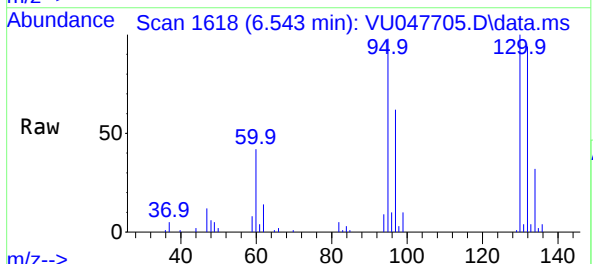
Ion Ratio Lower Upper

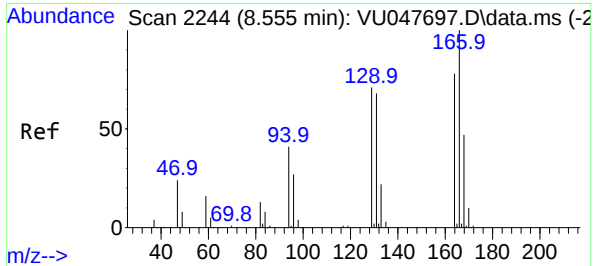
95 100

97 63.6 44.7 82.9

132 96.3 70.4 130.8

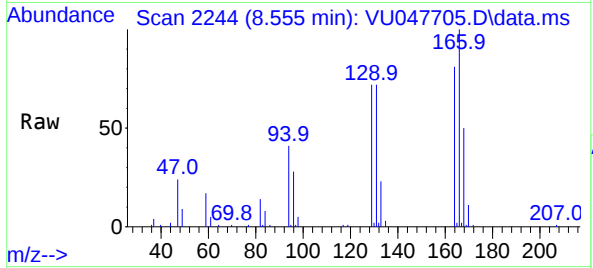
130 102.5 73.6 136.8





#46
Tetrachloroethene
Concen: 11.892 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047705.D
Acq: 26 Mar 2022 13:49

Instrument :
MSVOA_U
ClientSampleId :
EW604



Tgt Ion:164 Resp: 26586

Ion	Ratio	Lower	Upper
164	100		
129	88.5	62.4	116.0
131	89.4	60.7	112.7
166	123.5	89.0	165.4

