

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046746.D
 Acq On : 12 Jan 2022 16:43
 Operator : SY/MD
 Sample : N1101-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 01:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76372	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18340	3.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.919	69	16741	3.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.572	65	8545	3.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.652	46	93717	53.709	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.420%
24) Chloroform-d	5.067	84	45710	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.707	65	27276	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.729	84	84267	3.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.694	67	27542	4.087	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.899	98	71480	3.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.182	79	11528	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.636	63	83319	45.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30543	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	33480	3.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.600%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	9219	1.372	ug/L	91
13) Acetone	2.671	43	9411m	5.753	ug/L	
17) Methyl tert-butyl Ether	3.372	73	4820	0.246	ug/L	95
19) 1,1-Dichloroethane	3.871	63	1784	0.135	ug/L #	83
29) 1,1,1-Trichloroethane	5.321	97	19851	1.492	ug/L	98
34) Trichloroethene	6.546	95	2846	0.338	ug/L	94
47) Tetrachloroethene	8.555	164	44892	7.528	ug/L	97

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

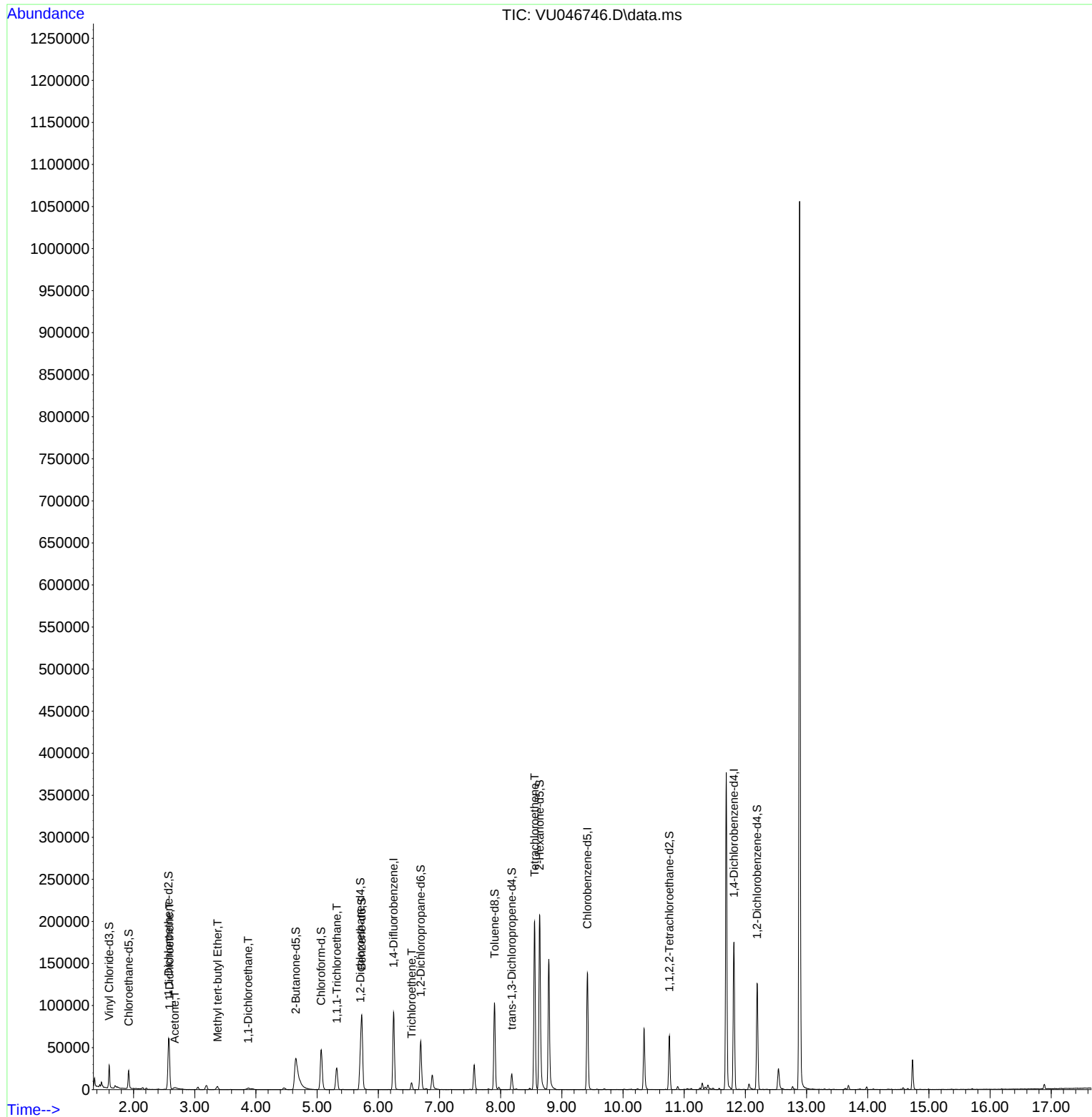
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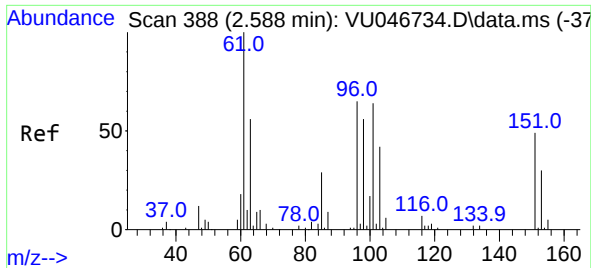
Instrument :
MSVOA_U
ClientSampleId :
BFXW7

Quant Time: Jan 13 01:02:31 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 10 00:25:50 2022
Response via : Initial Calibration

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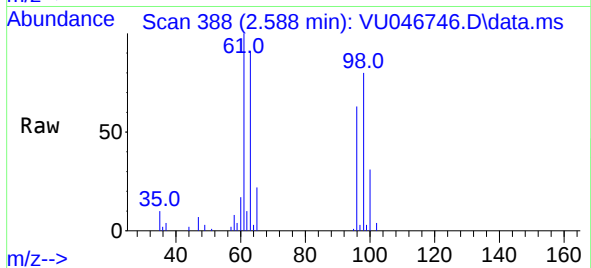
Reviewed By : John Carlone 01/13/2022
Supervised By : Mahesh Dadoda 01/13/2022





#12
1,1-Dichloroethene
Concen: 1.372 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

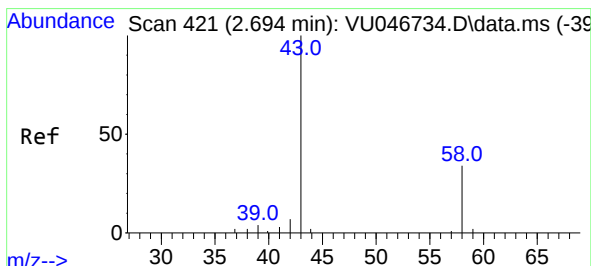
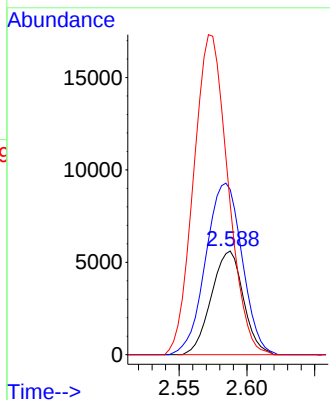
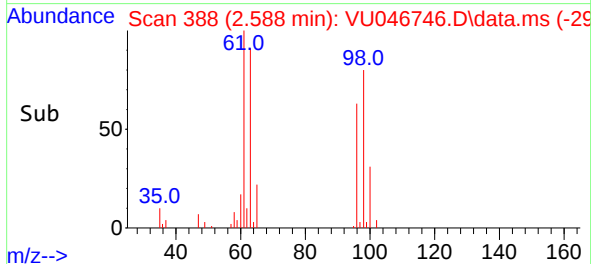
Instrument :
MSVOA_U
ClientSampleId :
BFXW7



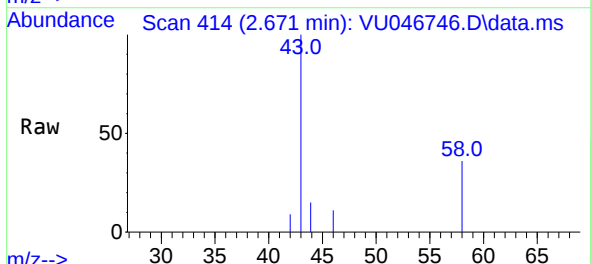
Tgt Ion: 96 Resp: 9219
Ion Ratio Lower Upper
96 100
61 159.3 124.7 231.5
63 145.3 105.2 195.4

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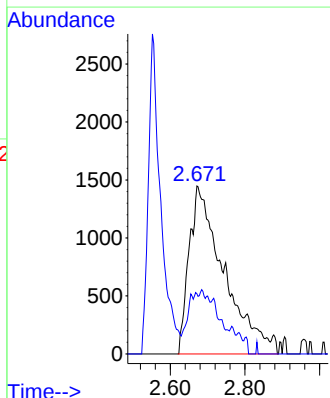
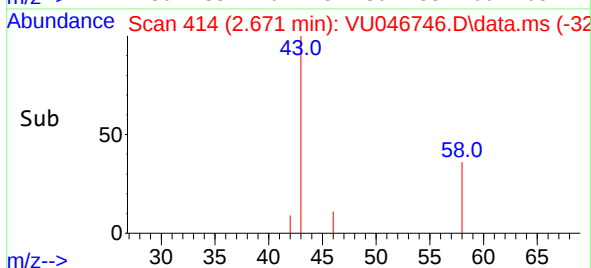
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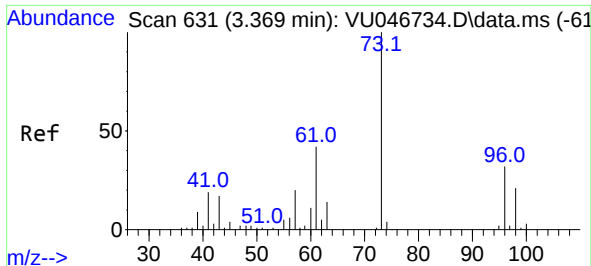


#13
Acetone
Concen: 5.753 ug/L m
RT: 2.671 min Scan# 414
Delta R.T. -0.013 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43



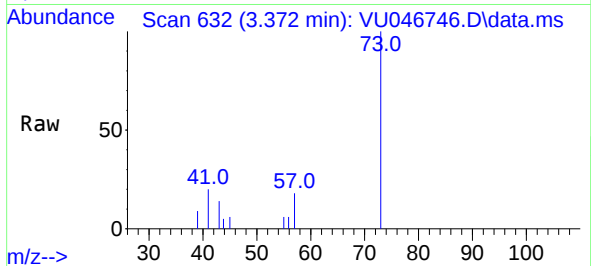
Tgt Ion: 43 Resp: 9411
Ion Ratio Lower Upper
43 100
58 4.0 0.0 71.6





#17
Methyl tert-butyl Ether
Concen: 0.246 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

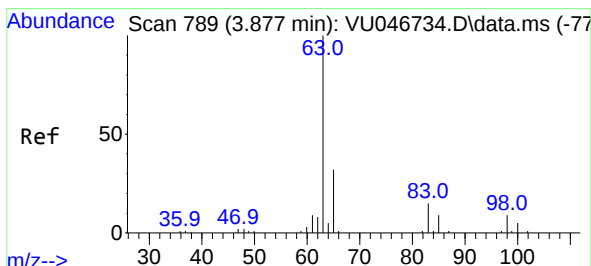
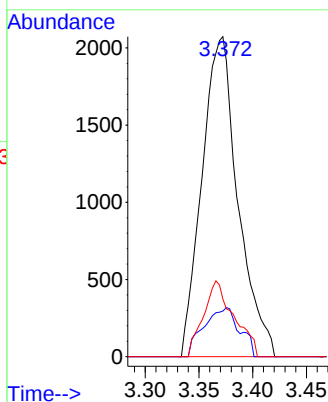
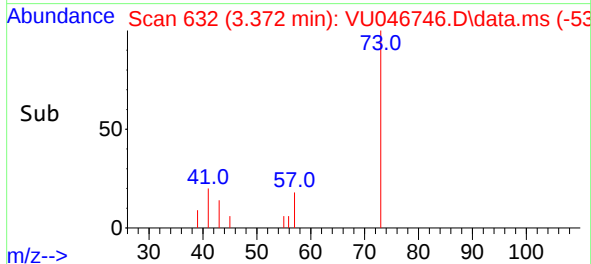
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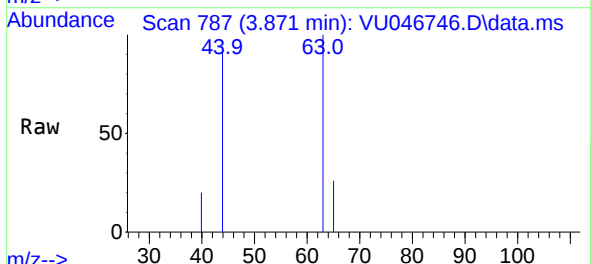
Tgt Ion: 73 Resp: 4820
Ion Ratio Lower Upper
73 100
43 15.2 14.8 22.2
57 20.2 17.4 26.0

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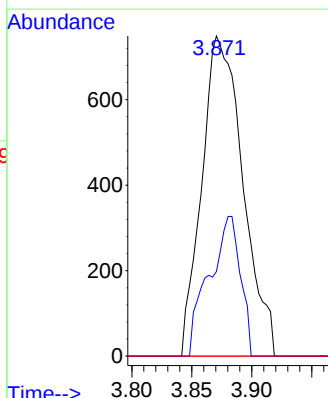
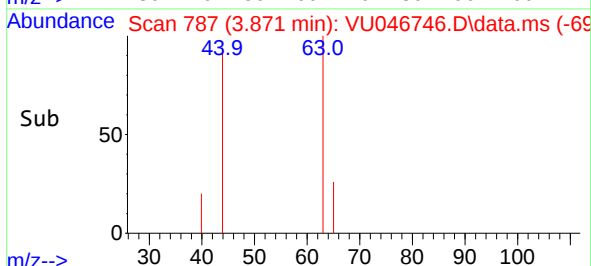
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

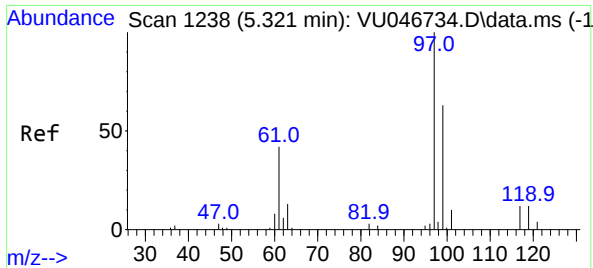


#19
1,1-Dichloroethane
Concen: 0.135 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43



Tgt Ion: 63 Resp: 1784
Ion Ratio Lower Upper
63 100
65 26.4 22.3 41.5
83 0.0 9.6 17.8





#29
1,1,1-Trichloroethane
Concen: 1.492 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

Instrument :

MSVOA_U

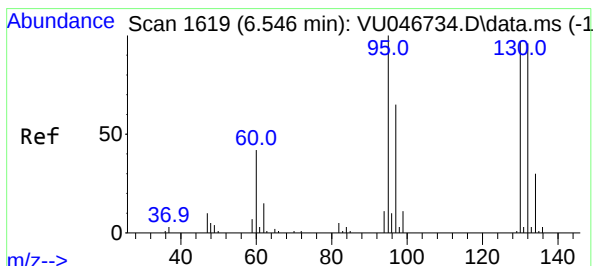
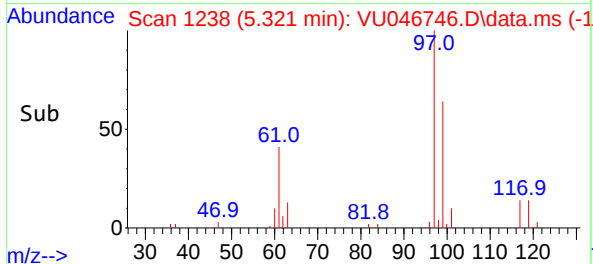
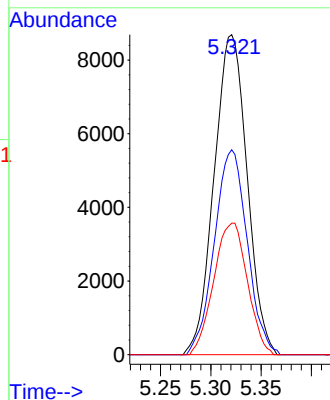
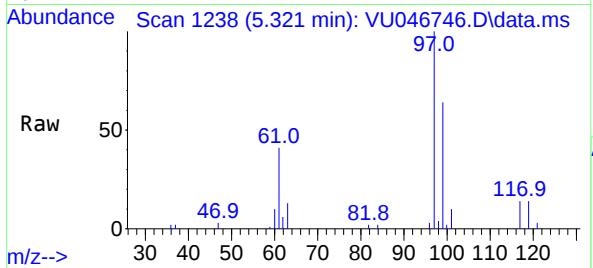
ClientSampleId :

BFXW7

Tgt Ion: 97 Resp: 1985
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 41.8 36.1 54.1

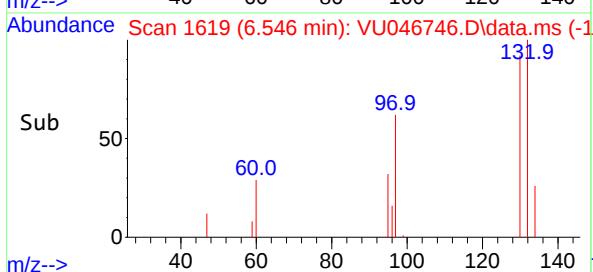
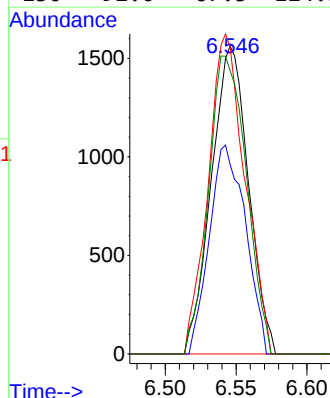
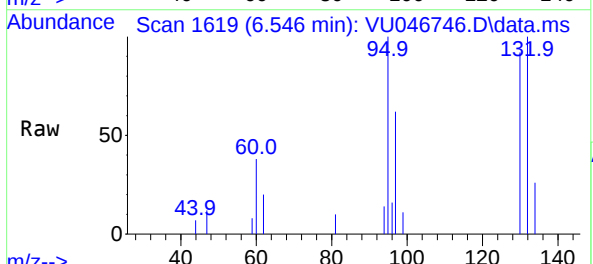
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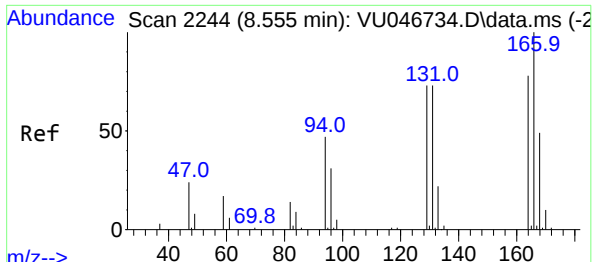
Reviewed By :John Carlone 01/13/2022
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#34
Trichloroethene
Concen: 0.338 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

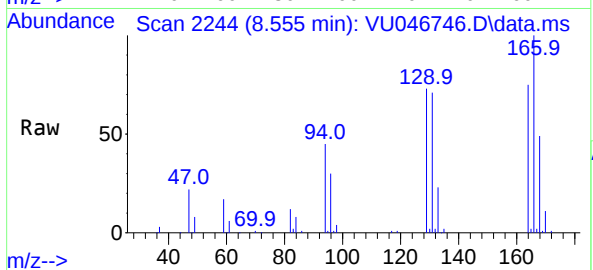
Tgt Ion: 95 Resp: 2846
Ion Ratio Lower Upper
95 100
97 61.5 46.5 86.5
132 99.7 65.1 120.9
130 92.0 67.3 124.9





#47
Tetrachloroethene
Concen: 7.528 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 4489

Ion	Ratio	Lower	Upper
164	100		
129	96.7	71.8	133.4
131	94.8	68.5	127.3
166	133.0	94.1	174.8

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