

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047335.D
 Acq On : 04 Mar 2022 17:31
 Operator : SY/MD
 Sample : N1773-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY15

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 23:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.279	114	178012	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.423	117	170725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.613	65	67161	5.316	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.938	69	57812	5.485	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.584	65	30504	5.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.400%
20) 2-Butanone-d5	4.745	46	196143	47.288	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.580%
24) Chloroform-d	5.086	84	116240	4.979	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.742	65	65548	5.003	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.761	84	234463	4.876	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.719	67	76734	5.124	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.912	98	215879	4.755	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.195	79	33437	5.081	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.655	63	183716	49.052	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	73610	4.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	93614	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.597	96	16836	1.930	ug/L #	42
13) Acetone	2.780	43	18319m	10.941	ug/L	
17) Methyl tert-butyl Ether	3.404	73	10247	0.439	ug/L #	88
19) 1,1-Dichloroethane	3.883	63	18812	1.192	ug/L	98
22) cis-1,2-Dichloroethene	4.687	96	52233	5.064	ug/L	96
29) 1,1,1-Trichloroethane	5.337	97	5516	0.385	ug/L	97
33) Benzene	5.809	78	4080m	0.106	ug/L	
34) Trichloroethene	6.568	95	184420	18.211	ug/L	93
47) Tetrachloroethene	8.562	164	119433	13.844	ug/L	90

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

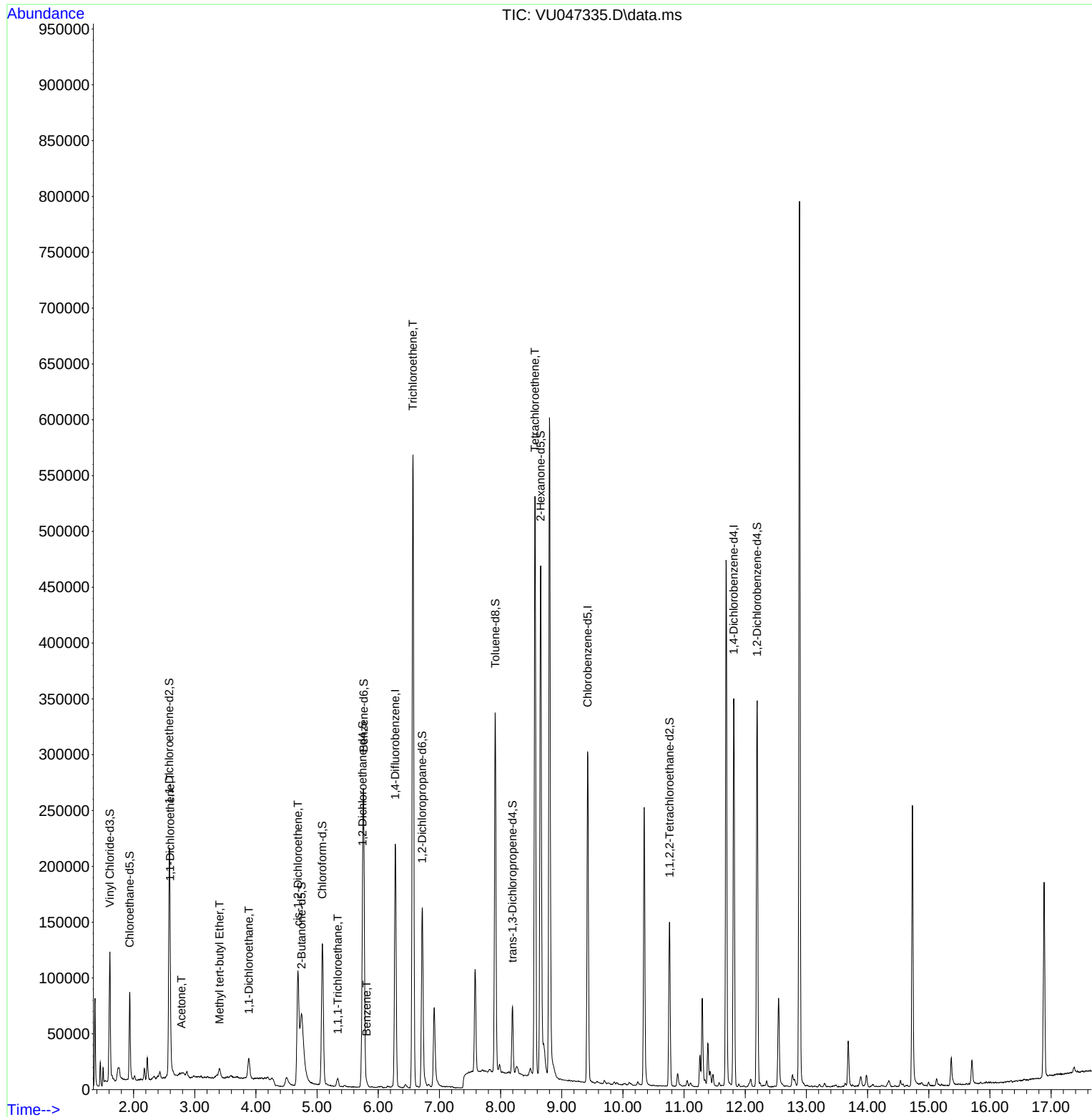
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
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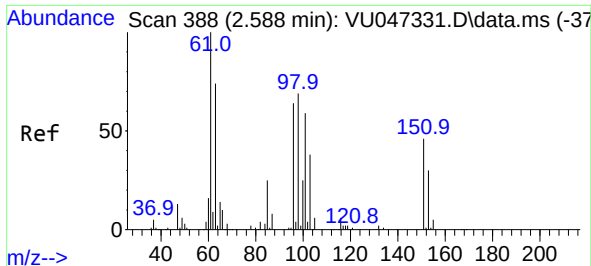
Instrument :
MSVOA_U
ClientSampleId :
BFY15

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 23:20:39 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.930 ug/L

RT: 2.597 min Scan# 391

Delta R.T. 0.009 min

Lab File: VU047335.D

Acq: 04 Mar 2022 17:31

Instrument :

MSVOA_U

ClientSampleId :

BFY15

Tgt Ion: 96 Resp: 16830

Ion Ratio Lower Upper

96 100

61 186.0 124.7 231.5

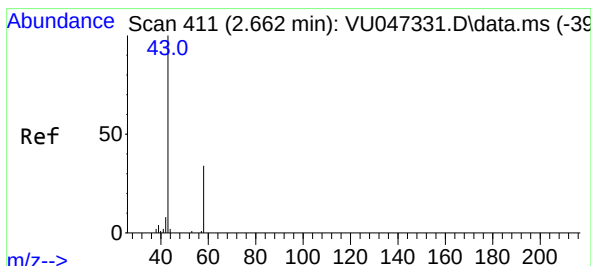
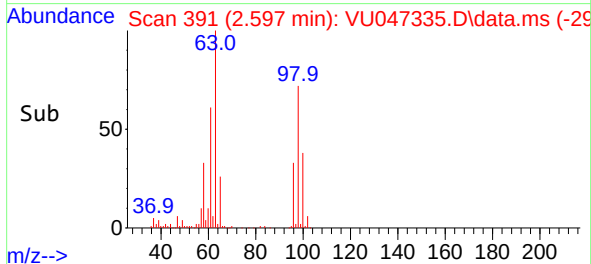
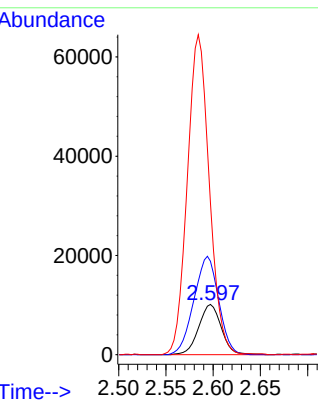
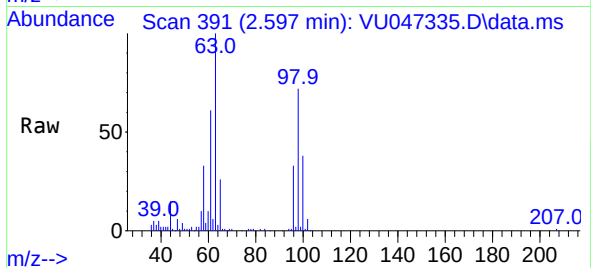
63 302.5 105.2 195.4

Manual Integrations

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#13

Acetone

Concen: 10.941 ug/L m

RT: 2.780 min Scan# 448

Delta R.T. 0.119 min

Lab File: VU047335.D

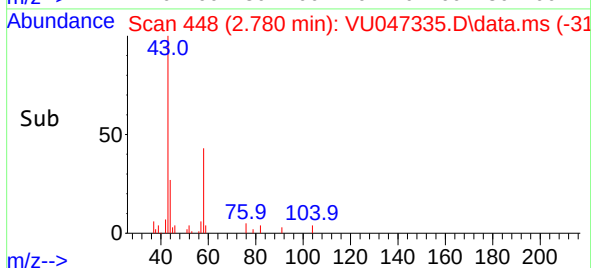
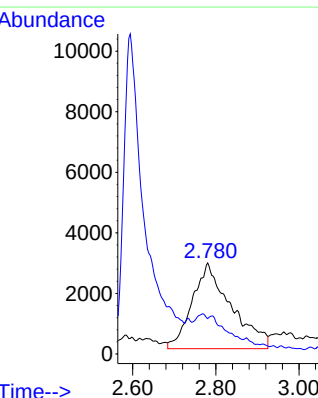
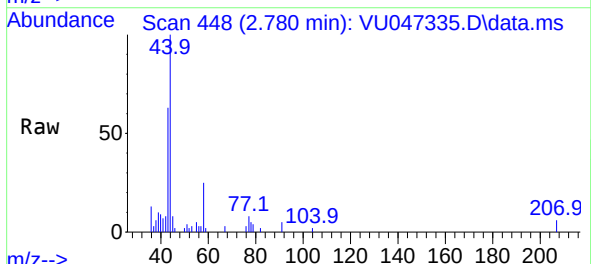
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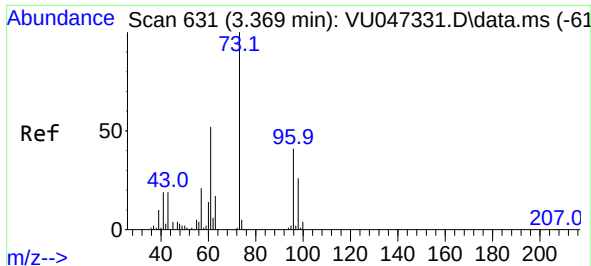
Tgt Ion: 43 Resp: 18319

Ion Ratio Lower Upper

43 100

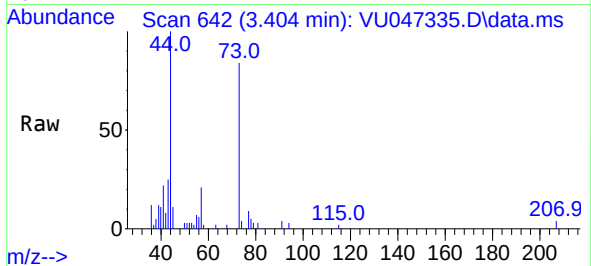
58 209.7 0.0 71.6#





#17
Methyl tert-butyl Ether
Concen: 0.439 ug/L
RT: 3.404 min Scan# 642
Delta R.T. 0.035 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

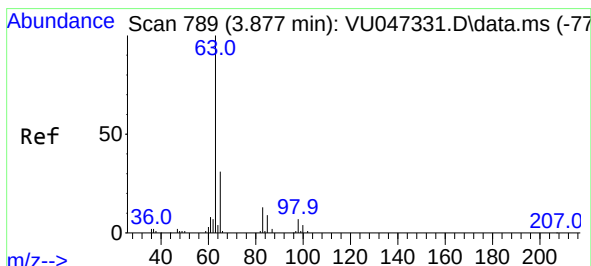
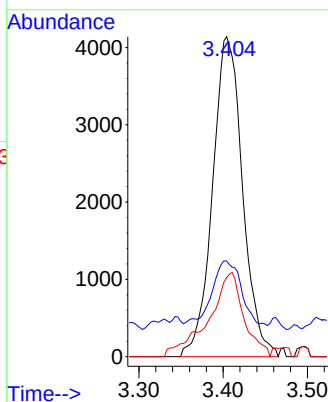
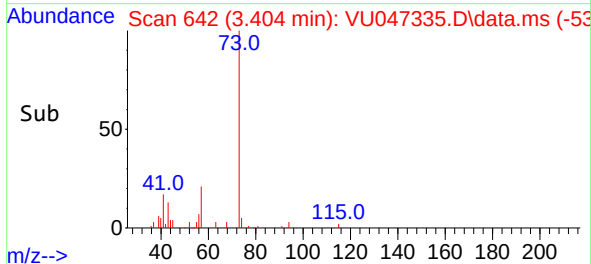
Instrument :
MSVOA_U
Client Sample Id :
BFY15



Tgt Ion: 73 Resp: 1024
Ion Ratio Lower Upper
73 100
43 19.6 14.8 22.2
57 30.8 17.4 26.0

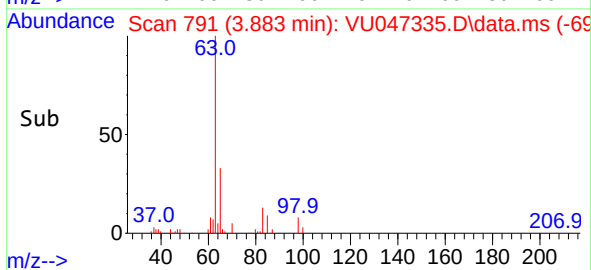
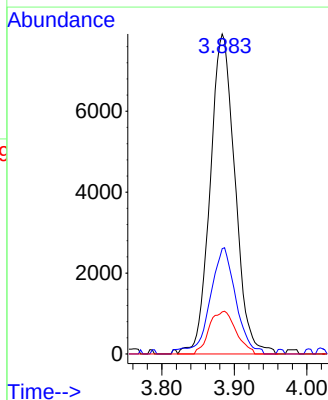
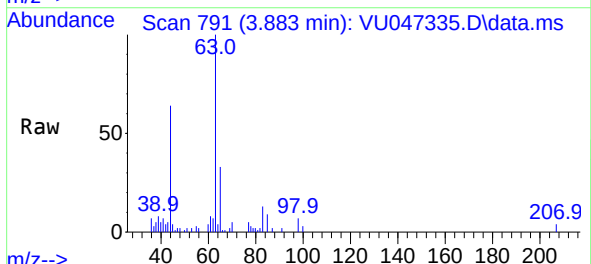
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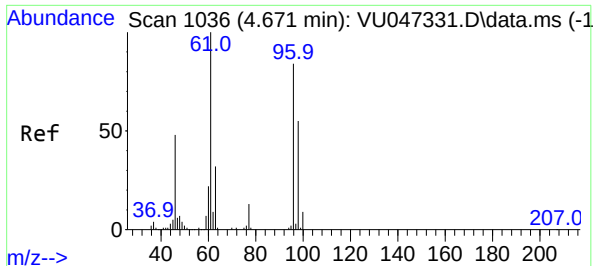
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#19
1,1-Dichloroethane
Concen: 1.192 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.006 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

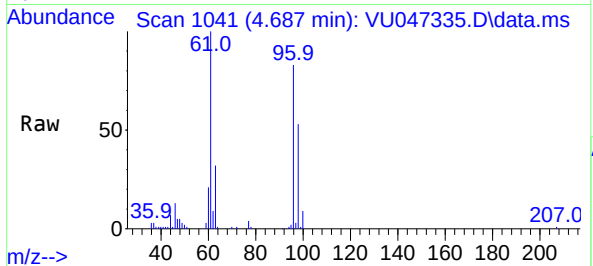
Tgt Ion: 63 Resp: 18812
Ion Ratio Lower Upper
63 100
65 32.9 22.3 41.5
83 13.2 9.6 17.8





#22
 cis-1,2-Dichloroethene
 Concen: 5.064 ug/L
 RT: 4.687 min Scan# 1041
 Delta R.T. 0.016 min
 Lab File: VU047335.D
 Acq: 04 Mar 2022 17:31

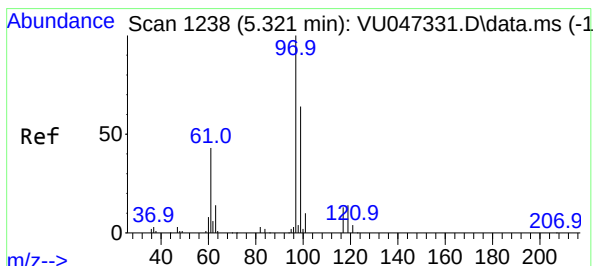
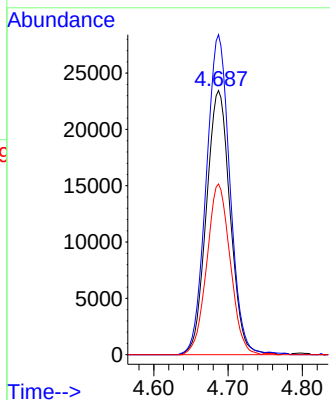
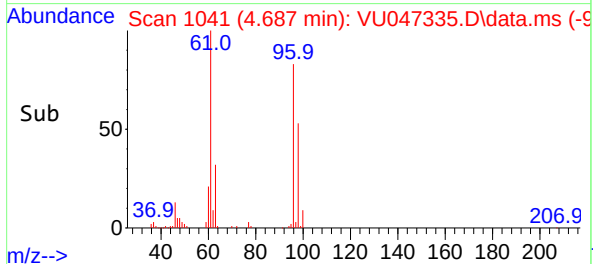
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY15



Tgt Ion: 96 Resp: 5223
 Ion Ratio Lower Upper
 96 100
 61 121.1 88.5 164.3
 98 64.6 44.4 82.5

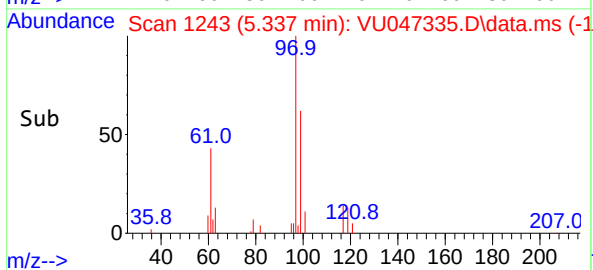
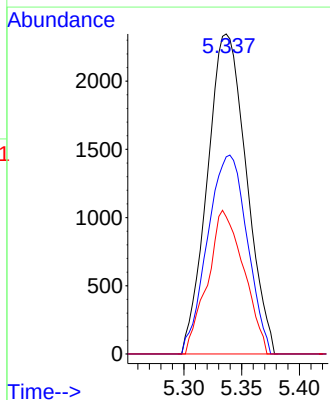
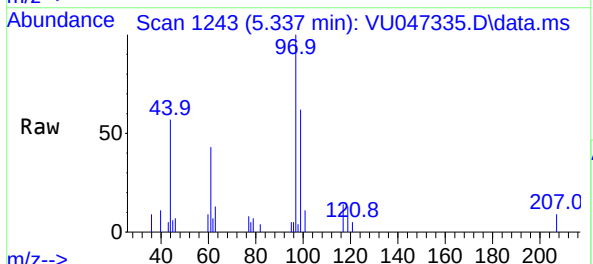
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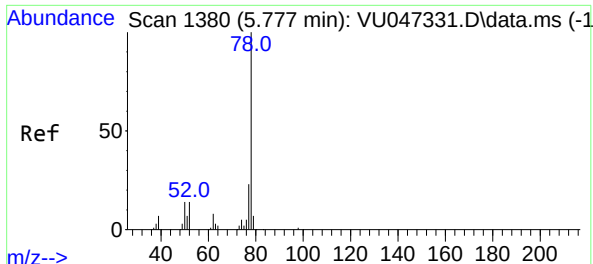
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#29
 1,1,1-Trichloroethane
 Concen: 0.385 ug/L
 RT: 5.337 min Scan# 1243
 Delta R.T. 0.016 min
 Lab File: VU047335.D
 Acq: 04 Mar 2022 17:31

Tgt Ion: 97 Resp: 5516
 Ion Ratio Lower Upper
 97 100
 99 63.1 51.3 76.9
 61 41.5 36.1 54.1





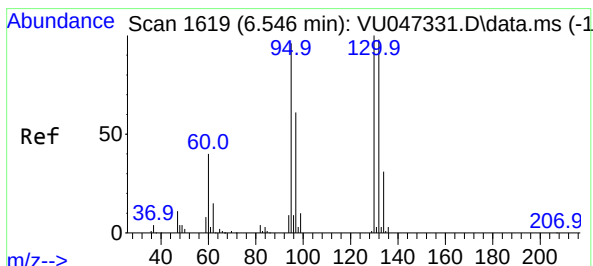
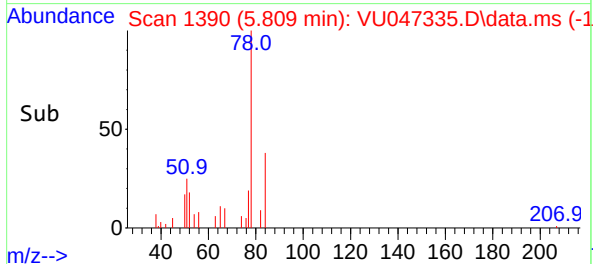
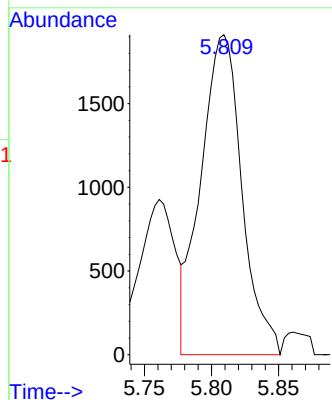
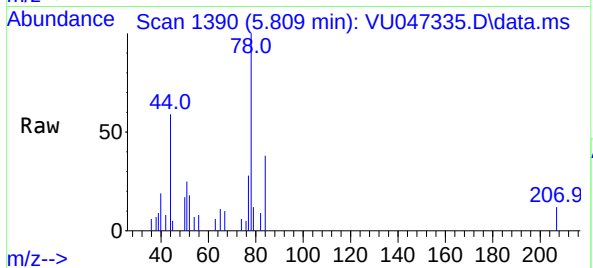
#33
Benzene
Concen: 0.106 ug/L m
RT: 5.809 min Scan# 11
Delta R.T. 0.032 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

Instrument :
MSVOA_U
ClientSampleId :
BFY15

Tgt Ion: 78 Resp: 4080

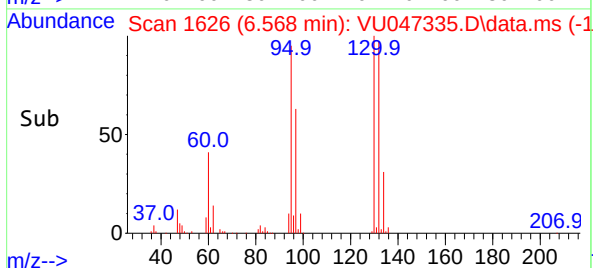
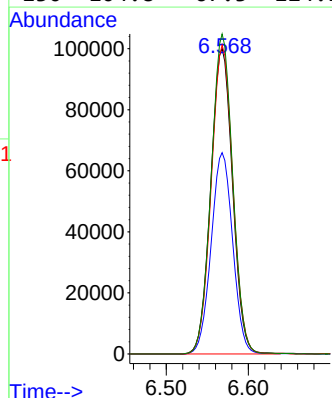
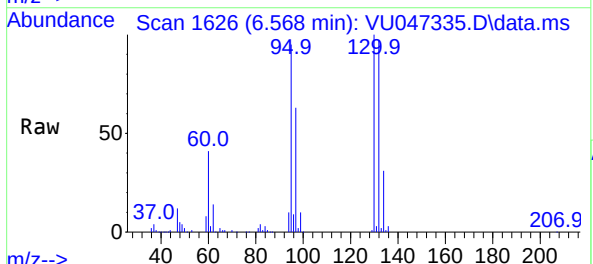
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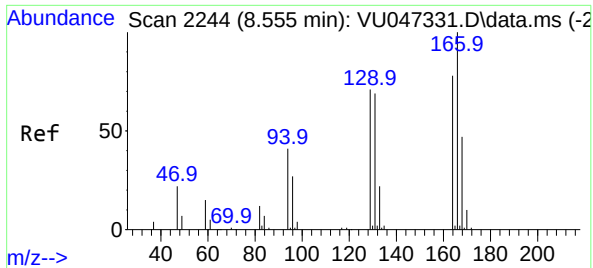
Reviewed By :John Carlone 03/07/2022
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#34
Trichloroethene
Concen: 18.211 ug/L
RT: 6.568 min Scan# 1626
Delta R.T. 0.022 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

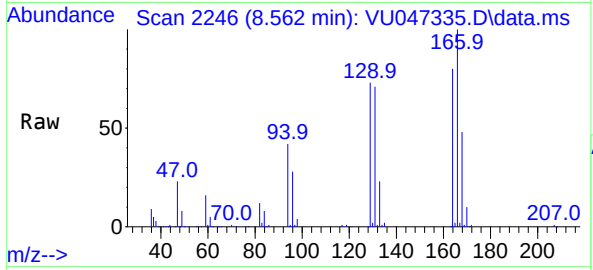
Tgt Ion: 95 Resp: 184420
Ion Ratio Lower Upper
95 100
97 65.9 46.5 86.5
132 101.2 65.1 120.9
130 104.8 67.3 124.9





#47
Tetrachloroethene
Concen: 13.844 ug/L
RT: 8.562 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 11943

Ion	Ratio	Lower	Upper
164	100		
129	90.7	71.8	133.4
131	88.1	68.5	127.3
166	124.9	94.1	174.8

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