

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030933.D
 Acq On : 28 Apr 2023 20:11
 Operator : SY/MD
 Sample : 02488-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE74

Manual Integrations
 APPROVED

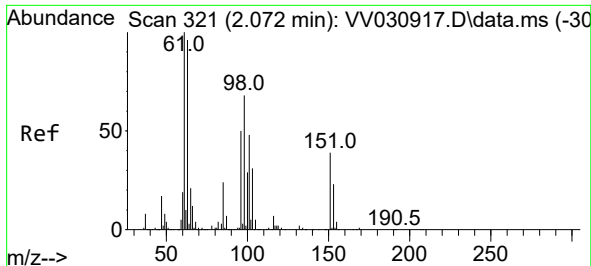
Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 01:13:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	121709	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	48890	4.876	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.529	69	42766	5.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.056	65	24840	4.681	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.905	46	96936	54.514	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.020%
24) Chloroform-d	4.252	84	108791	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	4.950	65	50484	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.957	84	167230	4.832	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	5.995	67	48916	4.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.246	98	139573	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.564	79	14962	3.966	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.053	63	54518	41.250	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.500%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33366	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	59297	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3301	0.371	ug/L #	88
12) 1,1-Dichloroethene	2.066	96	64303	7.851	ug/L	86
13) Acetone	2.249	43	28963m	19.068	ug/L	
14) Carbon disulfide	2.236	76	111833	5.218	ug/L	100
19) 1,1-Dichloroethane	3.111	63	6261	0.433	ug/L	92
29) 1,1,1-Trichloroethane	4.506	97	25728	1.734	ug/L #	90
34) Trichloroethene	5.831	95	202908	25.631	ug/L	97
42) Toluene	7.320	91	147142	4.602	ug/L	100
47) Tetrachloroethene	7.908	164	60420	8.000	ug/L	99

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.371 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.010 min

Lab File: VV030933.D

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MSVOA_V

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BHE74

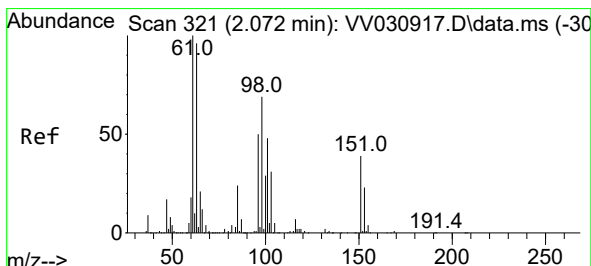
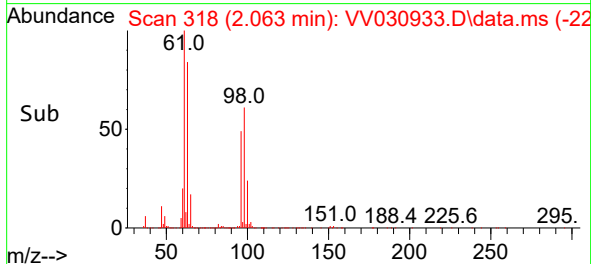
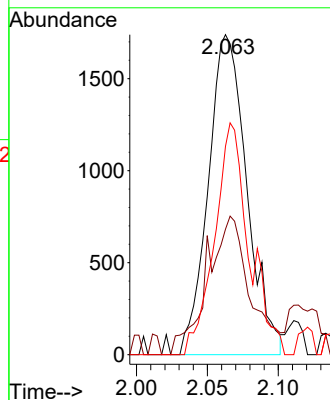
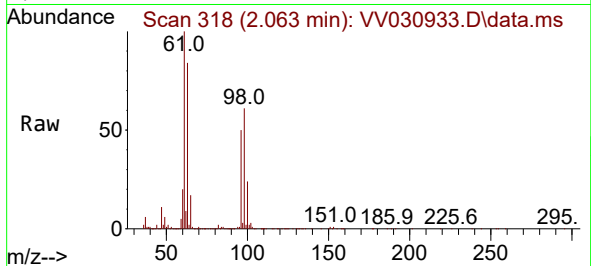
Tgt Ion:	101	Resp:	330
Ion Ratio	Lower	Upper	
101	100		
85	48.1	38.7	58.1
151	64.9	65.1	97.7

Manual Integrations

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Reviewed By :Krupa Patel 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#12

1,1-Dichloroethene

Concen: 7.851 ug/L

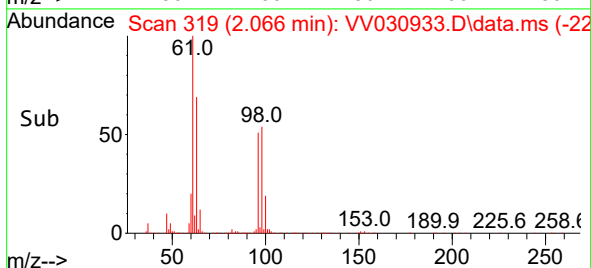
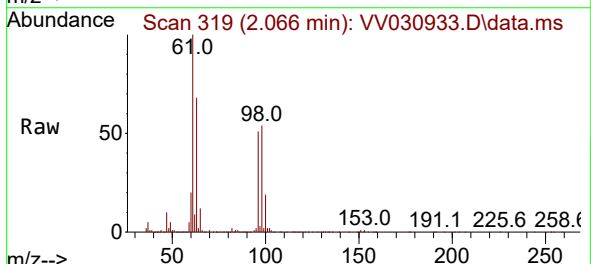
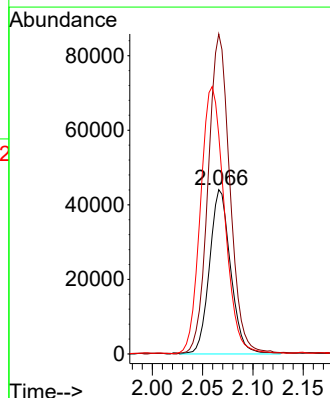
RT: 2.066 min Scan# 319

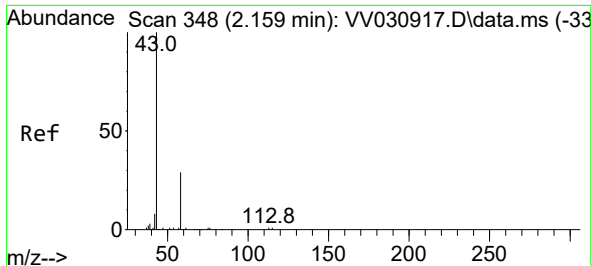
Delta R.T. -0.007 min

Lab File: VV030933.D

Acq: 28 Apr 2023 20:11

Tgt Ion:	96	Resp:	64303
Ion Ratio	Lower	Upper	
96	100		
61	194.6	135.6	251.8
63	133.3	121.1	224.9





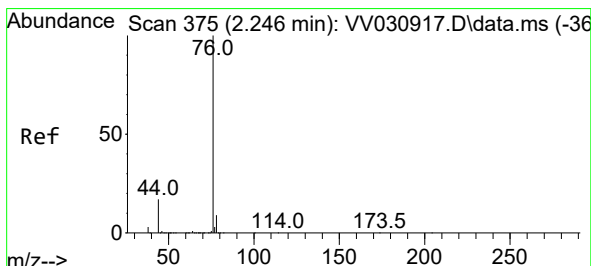
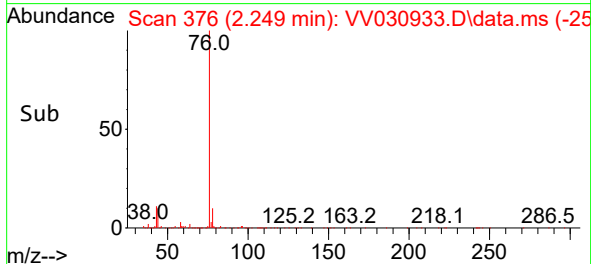
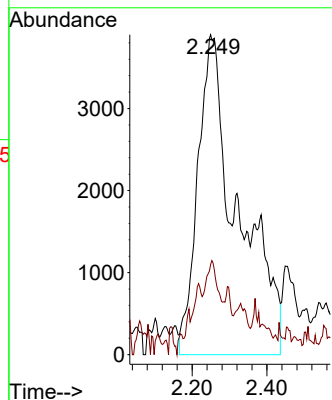
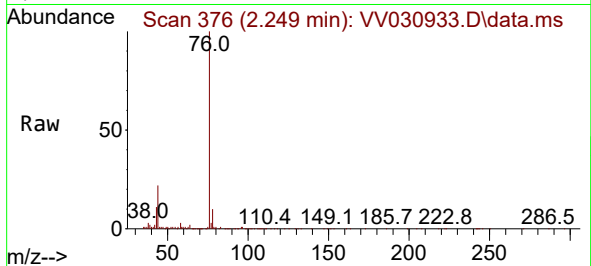
#13
Acetone
Concen: 19.068 ug/L m
RT: 2.249 min Scan# 31
Delta R.T. 0.090 min
Lab File: VV030933.D
Acq: 28 Apr 2023 20:11

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BHE74

Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
58 7.0 0.0 37.0

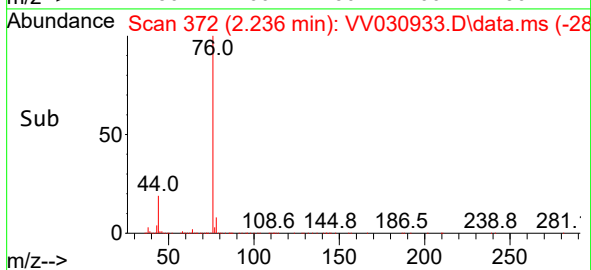
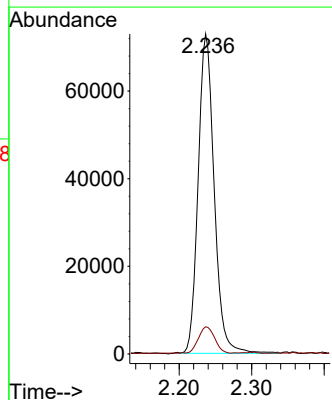
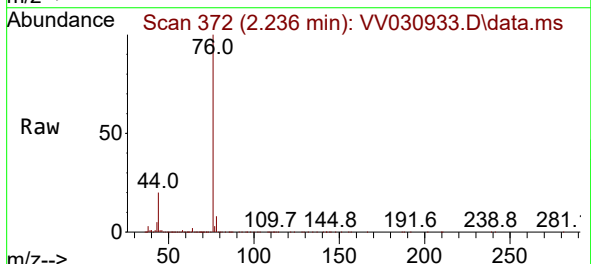
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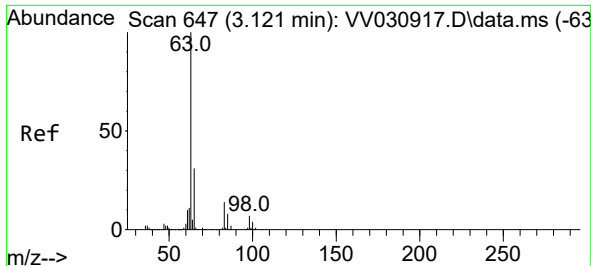
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#14
Carbon disulfide
Concen: 5.218 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.010 min
Lab File: VV030933.D
Acq: 28 Apr 2023 20:11

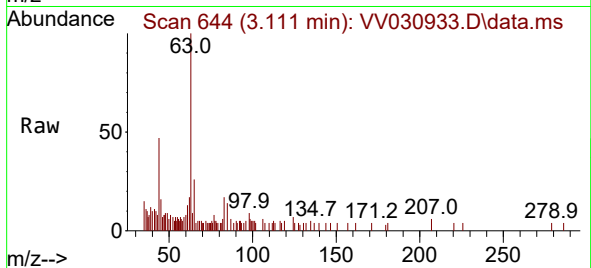
Tgt Ion: 76 Resp: 111833
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2





#19
1,1-Dichloroethane
Concen: 0.433 ug/L
RT: 3.111 min Scan# 647
Delta R.T. -0.010 min
Lab File: VV030933.D
Acq: 28 Apr 2023 20:11

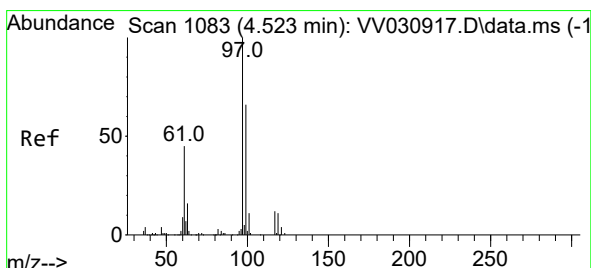
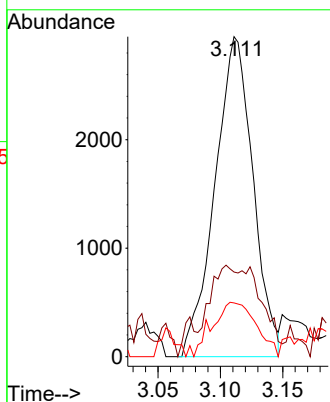
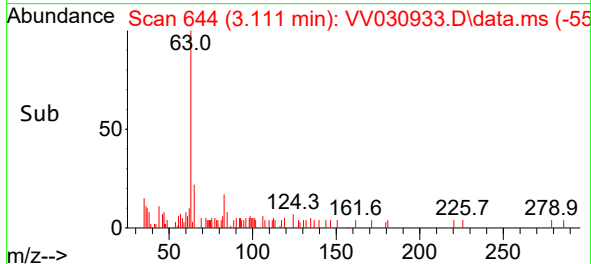
Instrument :
MSVOA_V
ClientSampleId :
BHE74



Tgt Ion: 63 Resp: 626
Ion Ratio Lower Upper
63 100
65 26.4 21.8 40.6
83 16.8 10.2 19.0

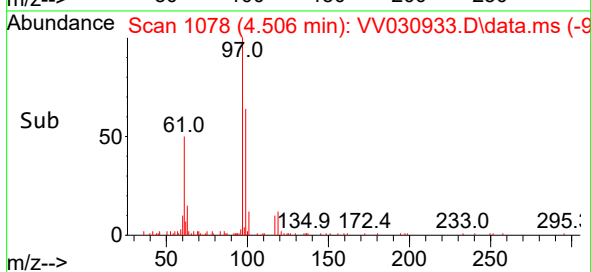
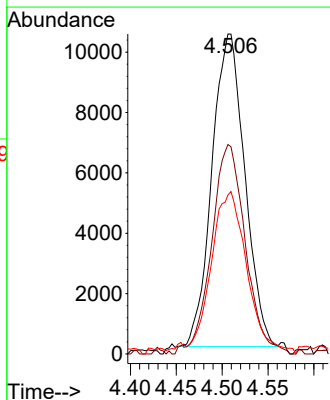
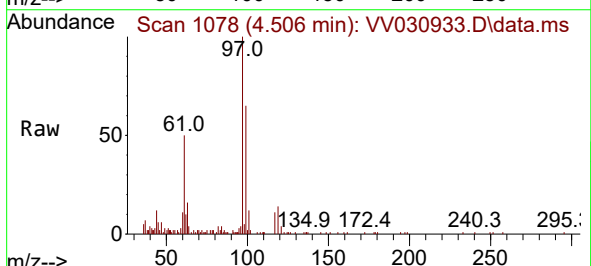
Manual Integrations
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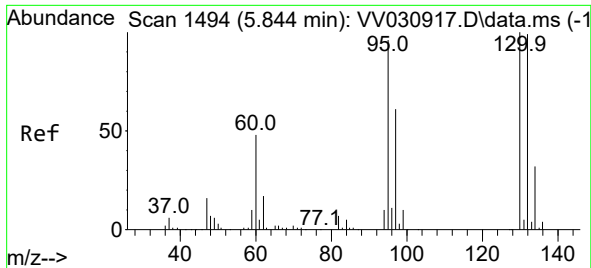
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#29
1,1,1-Trichloroethane
Concen: 1.734 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. -0.016 min
Lab File: VV030933.D
Acq: 28 Apr 2023 20:11

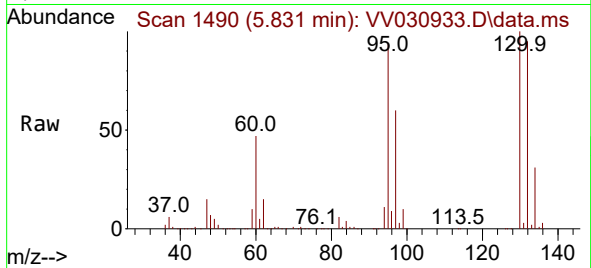
Tgt Ion: 97 Resp: 25728
Ion Ratio Lower Upper
97 100
99 69.3 51.4 77.2
61 56.9 37.4 56.0#





#34
Trichloroethene
Concen: 25.631 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.013 min
Lab File: VV030933.D
Acq: 28 Apr 2023 20:11

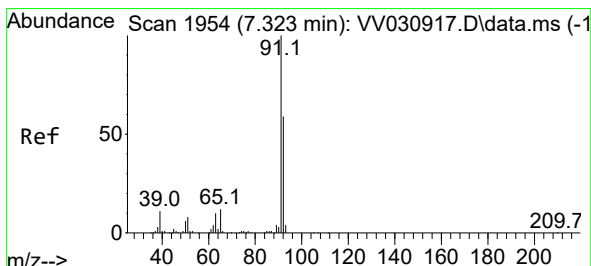
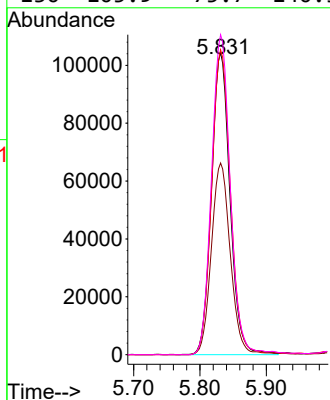
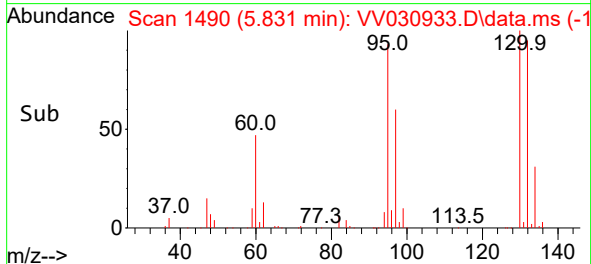
Instrument :
MSVOA_V
ClientSampleId :
BHE74



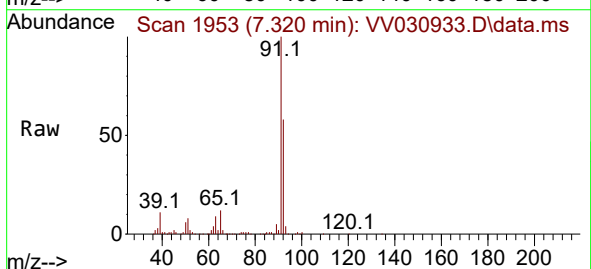
Tgt Ion: 95 Resp: 202908
Ion Ratio Lower Upper
95 100
97 63.4 46.2 85.8
132 100.9 72.7 135.1
130 105.9 75.7 140.5

Manual Integrations
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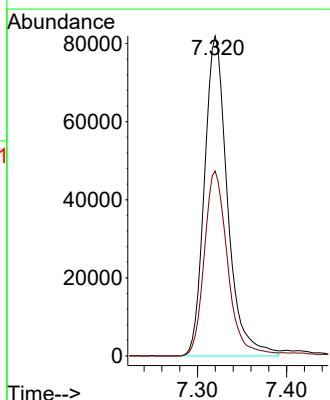
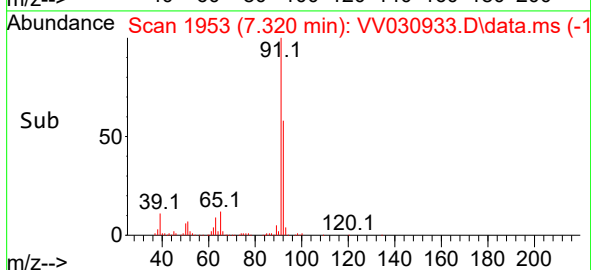
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

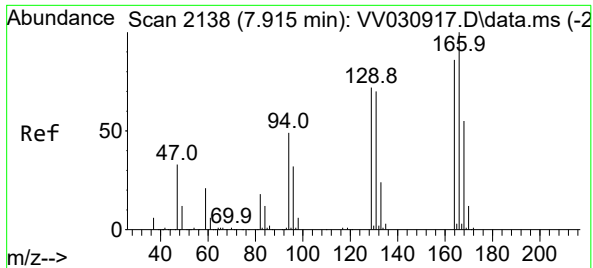


#42
Toluene
Concen: 4.602 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. -0.003 min
Lab File: VV030933.D
Acq: 28 Apr 2023 20:11



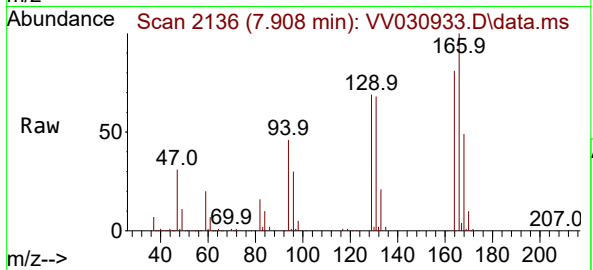
Tgt Ion: 91 Resp: 147142
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1





#47
Tetrachloroethene
Concen: 8.000 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.007 min
Lab File: VV030933.D
Acq: 28 Apr 2023 20:11

Instrument :
MSVOA_V
ClientSampleId :
BHE74



Tgt Ion:164 Resp: 60420

Ion	Ratio	Lower	Upper
164	100		
129	85.3	60.5	112.3
131	83.5	60.8	112.8
166	123.0	85.9	159.5

Manual Integrations
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