

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047334.D
 Acq On : 04 Mar 2022 17:07
 Operator : SY/MD
 Sample : N1773-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY14

Manual Integrations
 APPROVED

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

Quant Time: Mar 04 23:23:27 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	6.282	114	204513	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.427	117	199992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	63833	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.935	69	55521	4.585	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.584	65	28880	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.742	46	174284	36.574	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.140%
24) Chloroform-d	5.079	84	109547	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.729	65	61450	4.083	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.742	84	220162	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.722	67	72412	4.128	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.915	98	206767	3.888	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.195	79	31236	4.052	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.655	63	167568	38.193	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.380%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	69701	3.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	91307	4.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds	Qvalue					
13) Acetone	2.777	43	27785m	14.445	ug/L	
19) 1,1-Dichloroethane	3.880	63	8297	0.458	ug/L	95
21) 2-Butanone	4.825	43	8915	2.438	ug/L	91
22) cis-1,2-Dichloroethene	4.678	96	2933	0.247	ug/L	96
33) Benzene	5.790	78	26155	0.580	ug/L	100
34) Trichloroethene	6.568	95	3221	0.272	ug/L	93
42) Toluene	7.983	91	61116	1.249	ug/L	98
47) Tetrachloroethene	8.562	164	13003	1.287	ug/L	97
52) Ethylbenzene	9.574	91	6731	0.129	ug/L	99
53) m,p-Xylene	9.697	106	4810	0.231	ug/L	96
54) o-Xylene	10.105	106	2771	0.138	ug/L	93

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

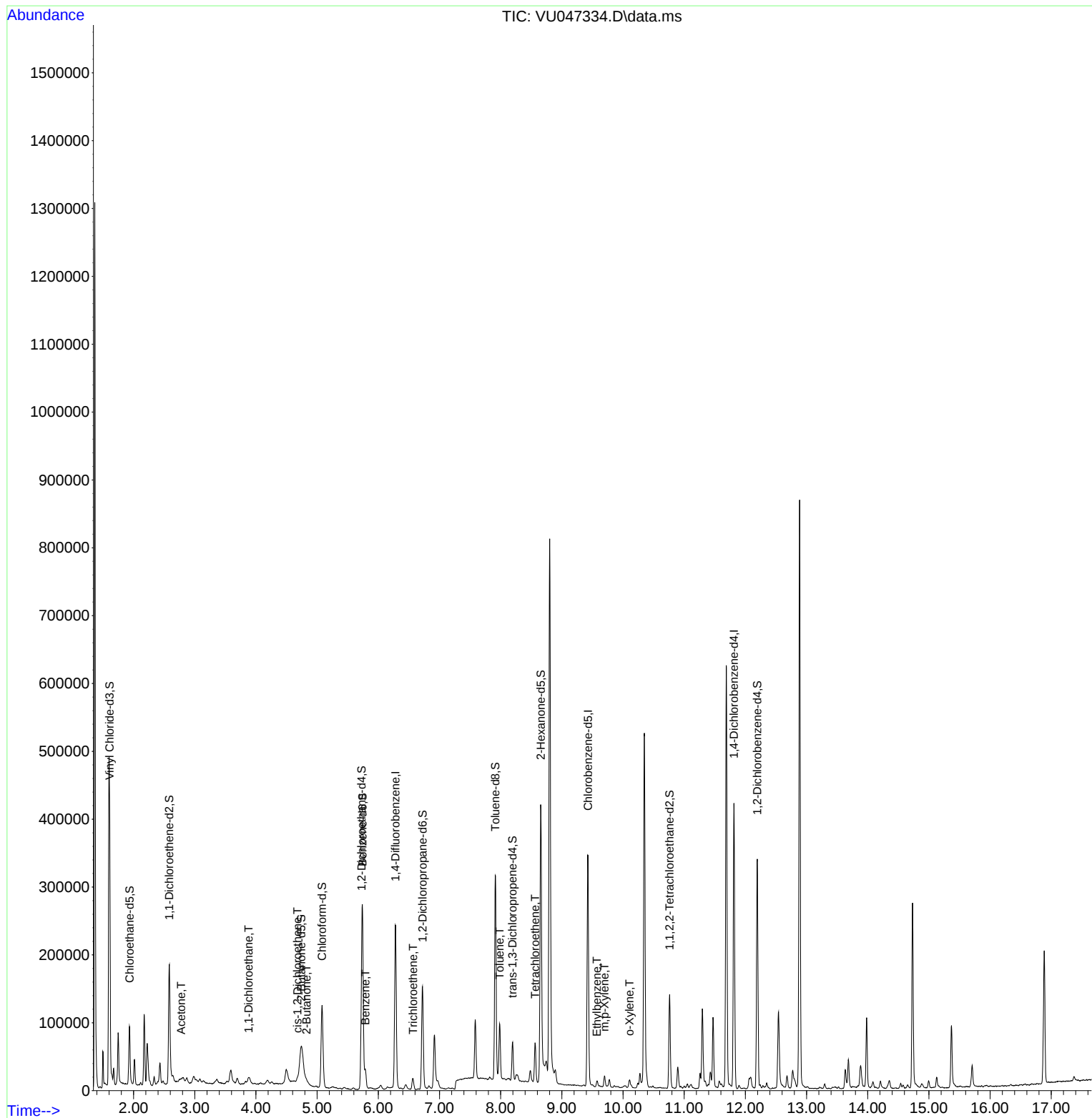
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
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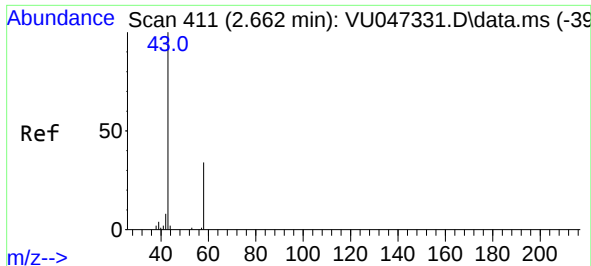
Instrument :
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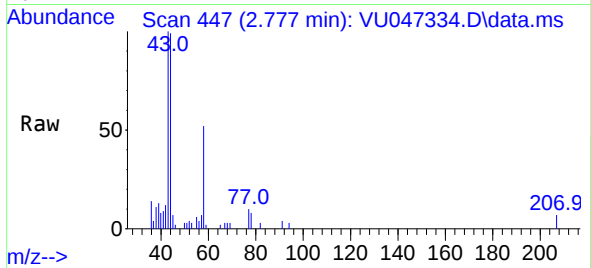
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 23:20:39 2022
Response via : Initial Calibration





#13
Acetone
Concen: 14.445 ug/L m
RT: 2.777 min Scan# 447
Delta R.T. 0.116 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

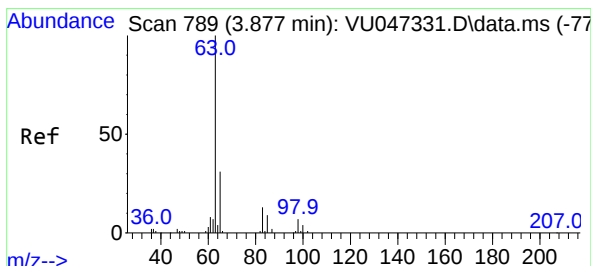
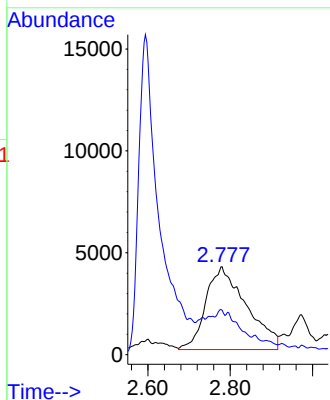
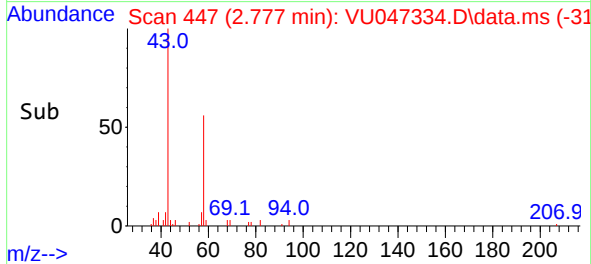
Instrument :
MSVOA_U
ClientSampleId :
BFY14



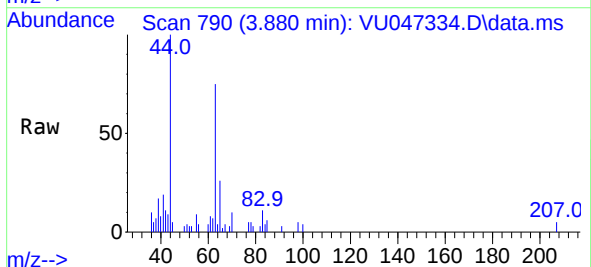
Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
58 194.4 0.0 71.6

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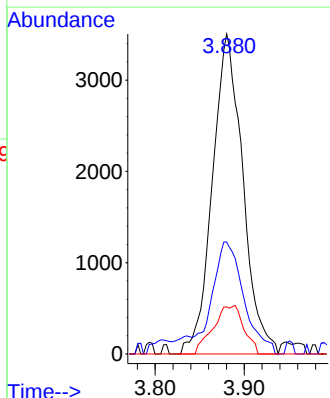
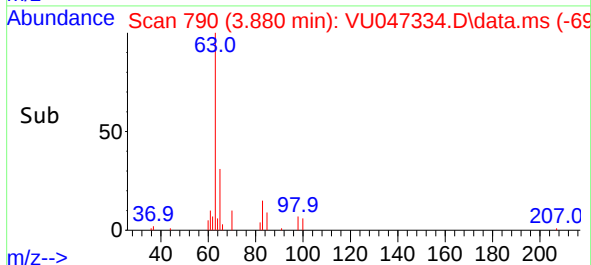
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

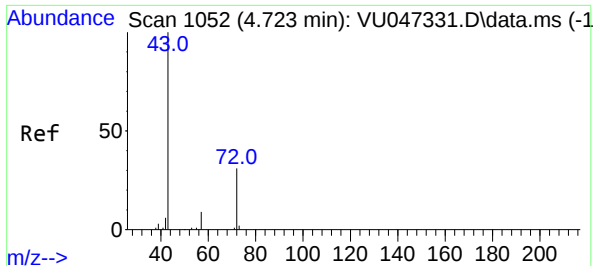


#19
1,1-Dichloroethane
Concen: 0.458 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07



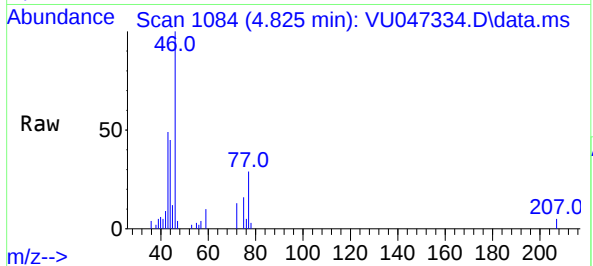
Tgt Ion: 63 Resp: 8297
Ion Ratio Lower Upper
63 100
65 35.0 22.3 41.5
83 14.7 9.6 17.8





#21
2-Butanone
Concen: 2.438 ug/L
RT: 4.825 min Scan# 1084
Delta R.T. 0.103 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

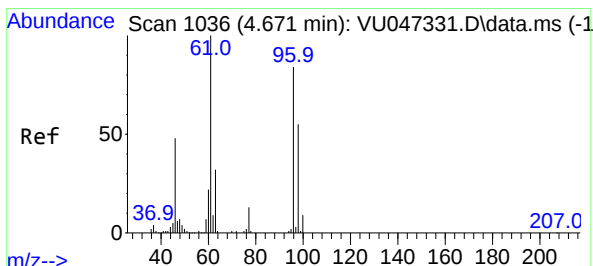
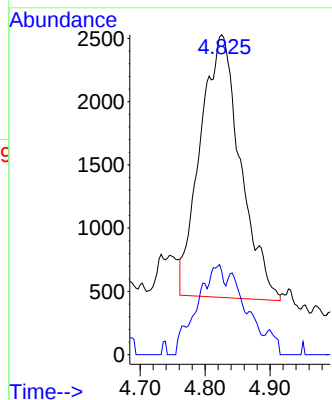
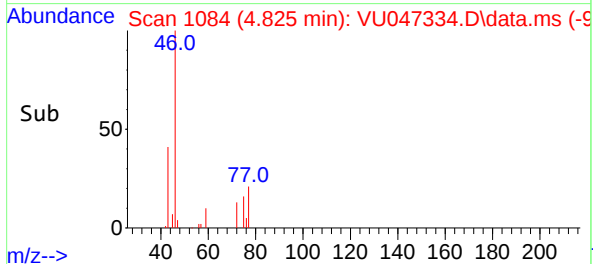
Instrument :
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Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
72 23.3 14.1 42.3

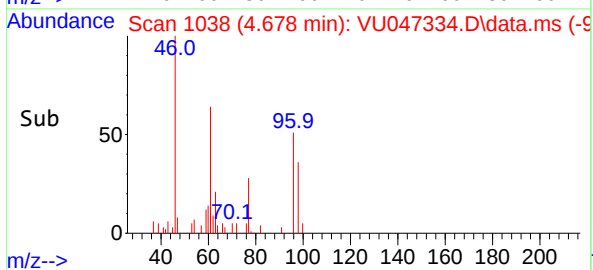
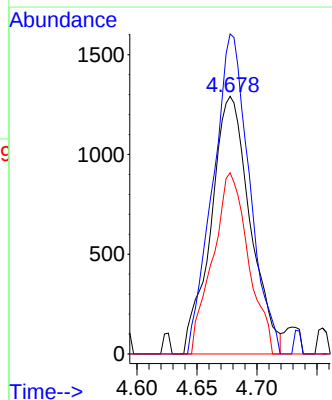
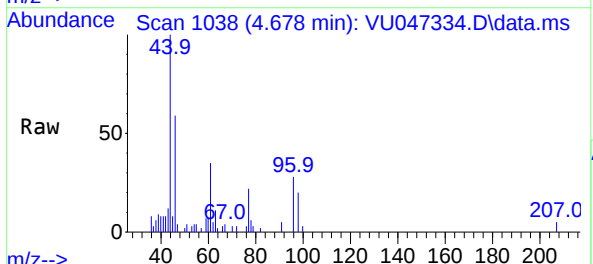
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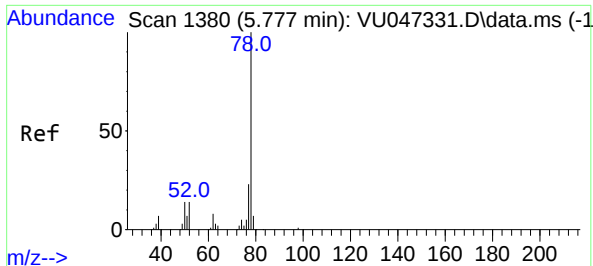
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#22
cis-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Tgt Ion: 96 Resp: 2933
Ion Ratio Lower Upper
96 100
61 124.2 88.5 164.3
98 70.3 44.4 82.5





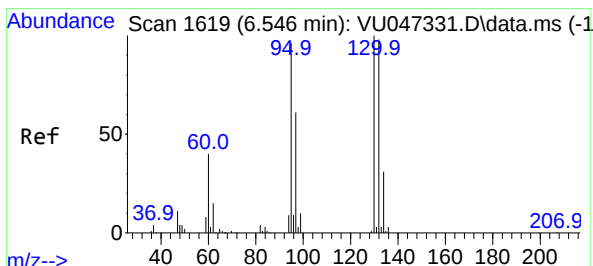
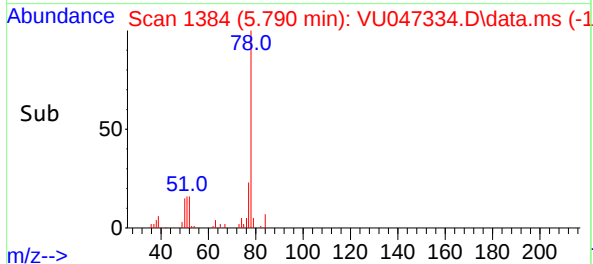
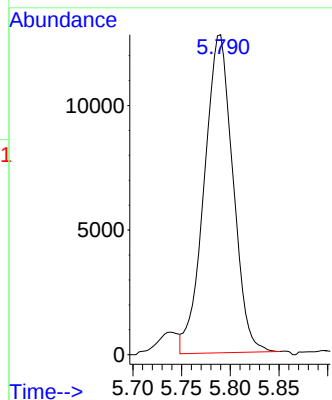
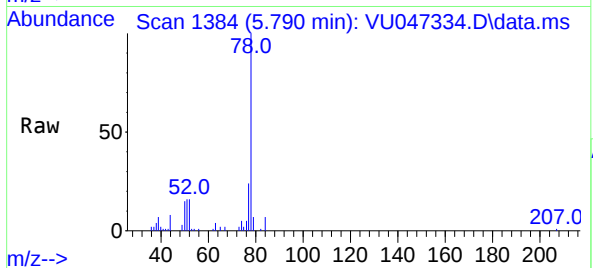
#33
Benzene
Concen: 0.580 ug/L
RT: 5.790 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Instrument :
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Tgt Ion: 78 Resp: 2615

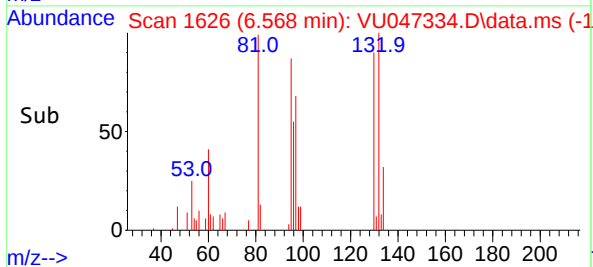
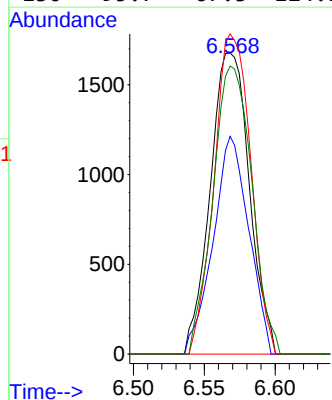
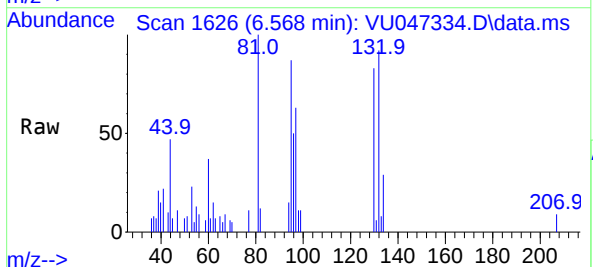
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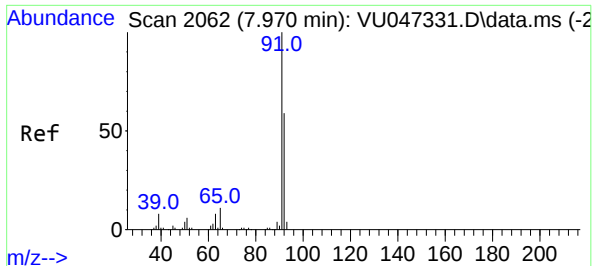
Reviewed By :John Carlone 03/07/2022
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#34
Trichloroethene
Concen: 0.272 ug/L
RT: 6.568 min Scan# 1626
Delta R.T. 0.022 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Tgt Ion: 95 Resp: 3221
Ion Ratio Lower Upper
95 100
97 72.3 46.5 86.5
132 106.3 65.1 120.9
130 95.7 67.3 124.9





#42

Toluene

Concen: 1.249 ug/L

RT: 7.983 min Scan# 2062

Delta R.T. 0.013 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

BFY14

Tgt Ion: 91 Resp: 61110

Ion Ratio Lower Upper

91 100

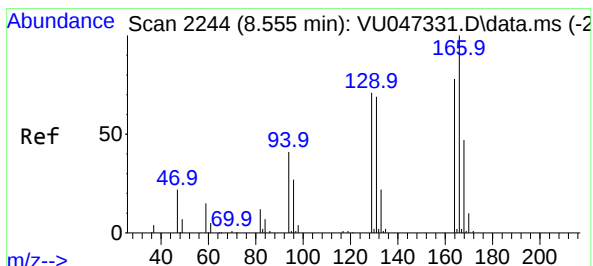
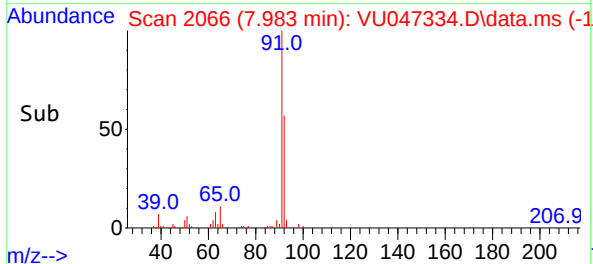
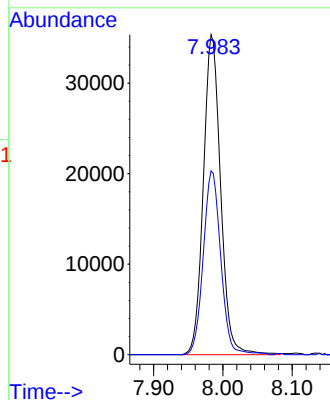
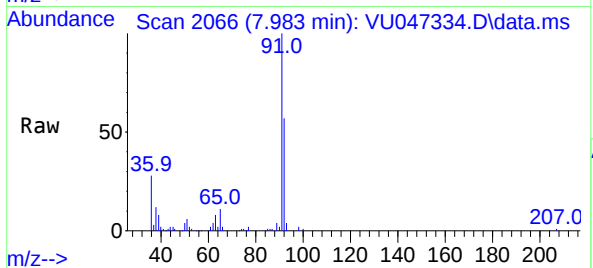
92 57.5 41.3 76.7

Manual Integrations

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#47

Tetrachloroethene

Concen: 1.287 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.006 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Tgt Ion:164 Resp: 13003

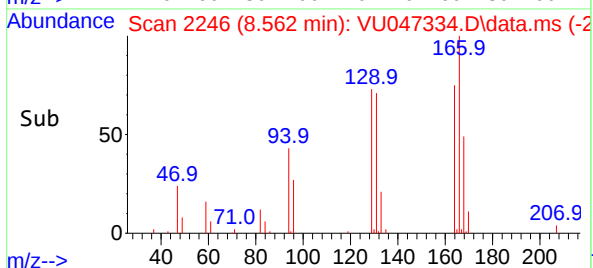
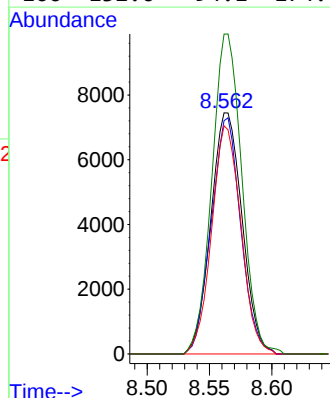
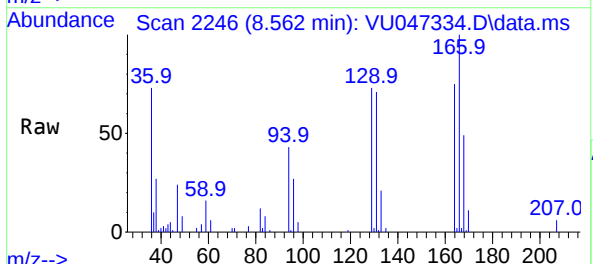
Ion Ratio Lower Upper

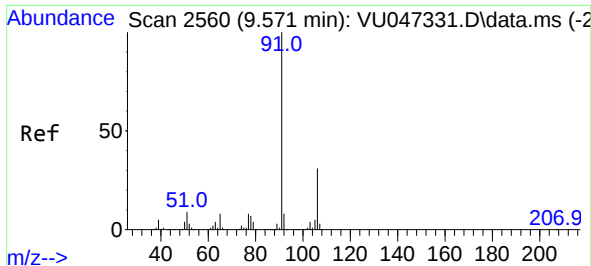
164 100

129 96.7 71.8 133.4

131 94.6 68.5 127.3

166 132.6 94.1 174.8





#52

Ethylbenzene

Concen: 0.129 ug/L

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 91 Resp: 673

Ion Ratio Lower Upper

91 100

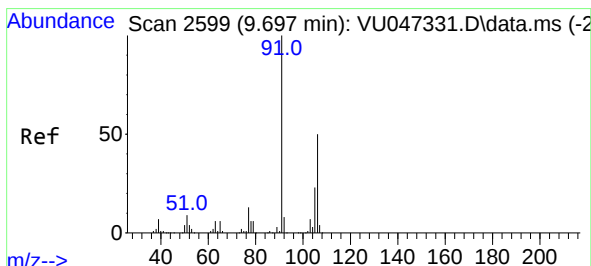
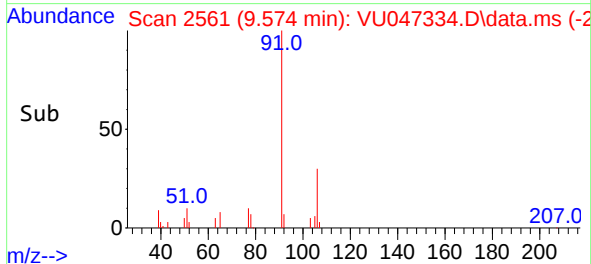
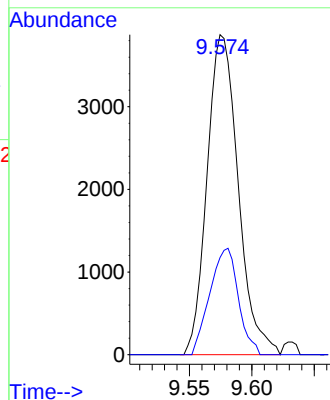
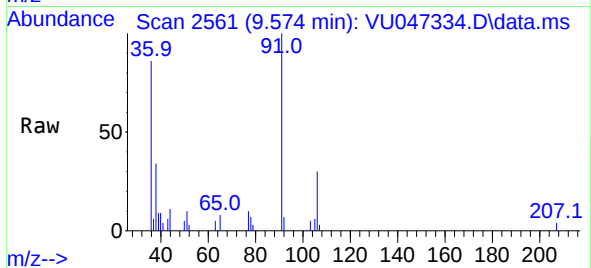
106 30.4 21.5 39.9

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#53

m,p-Xylene

Concen: 0.231 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU047334.D

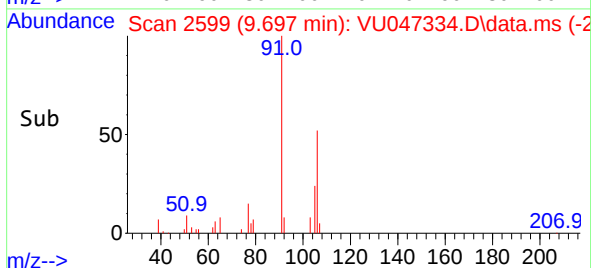
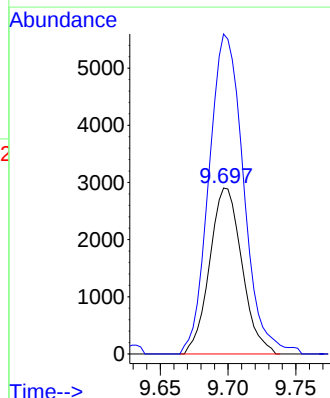
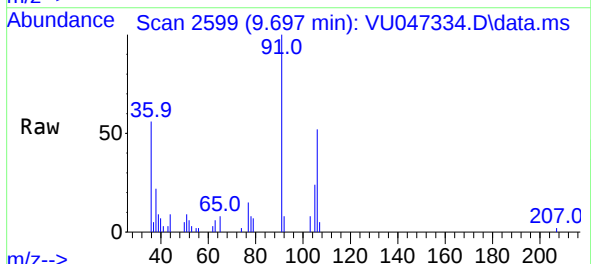
Acq: 04 Mar 2022 17:07

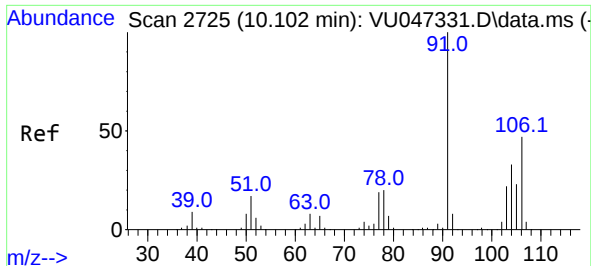
Tgt Ion:106 Resp: 4810

Ion Ratio Lower Upper

106 100

91 192.8 139.4 259.0





#54
o-Xylene
Concen: 0.138 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
BFY14

Tgt Ion:106 Resp: 277
Ion Ratio Lower Upper
106 100
91 221.2 147.5 273.9

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