

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047440.D
 Acq On : 10 Mar 2022 06:53
 Operator : SY/MD
 Sample : N1857-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 10 07:49:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	156530	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	149578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79355	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	254508	29.979	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	599.600%#	
7) Chloroethane-d5	1.919	69	28780	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.575	65	16587	4.424	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.400%	
20) 2-Butanone-d5	4.665	46	86502	57.230	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.460%	
24) Chloroform-d	5.067	84	62113	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.707	65	33546	4.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.732	84	134198	4.770	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.694	67	39848	4.787	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.899	98	129973	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...	8.182	79	14807	4.190	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.636	63	75853	48.725	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.440%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34692	4.783	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	50490	5.018	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.597	62	17747564m	1541.727	ug/L	
12) 1,1-Dichloroethene	2.588	96	27169	2.956	ug/L #	67
18) trans-1,2-Dichloroethene	3.366	96	538304	54.711	ug/L	99
19) 1,1-Dichloroethane	3.880	63	1587	0.095	ug/L #	96
22) cis-1,2-Dichloroethene	4.665	96	26986107m	2475.180	ug/L	
27) 1,2-Dichloroethane	5.800	62	4124	0.354	ug/L	99
30) Cyclohexane	5.398	56	2362	0.159	ug/L	97
33) Benzene	5.777	78	19229	0.476	ug/L	100
34) Trichloroethene	6.546	95	19099	1.769	ug/L	98
42) Toluene	7.970	91	9683	0.221	ug/L	95
53) m,p-Xylene	9.694	106	3403	0.183	ug/L	99
54) o-Xylene	10.102	106	2710	0.150	ug/L	88

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

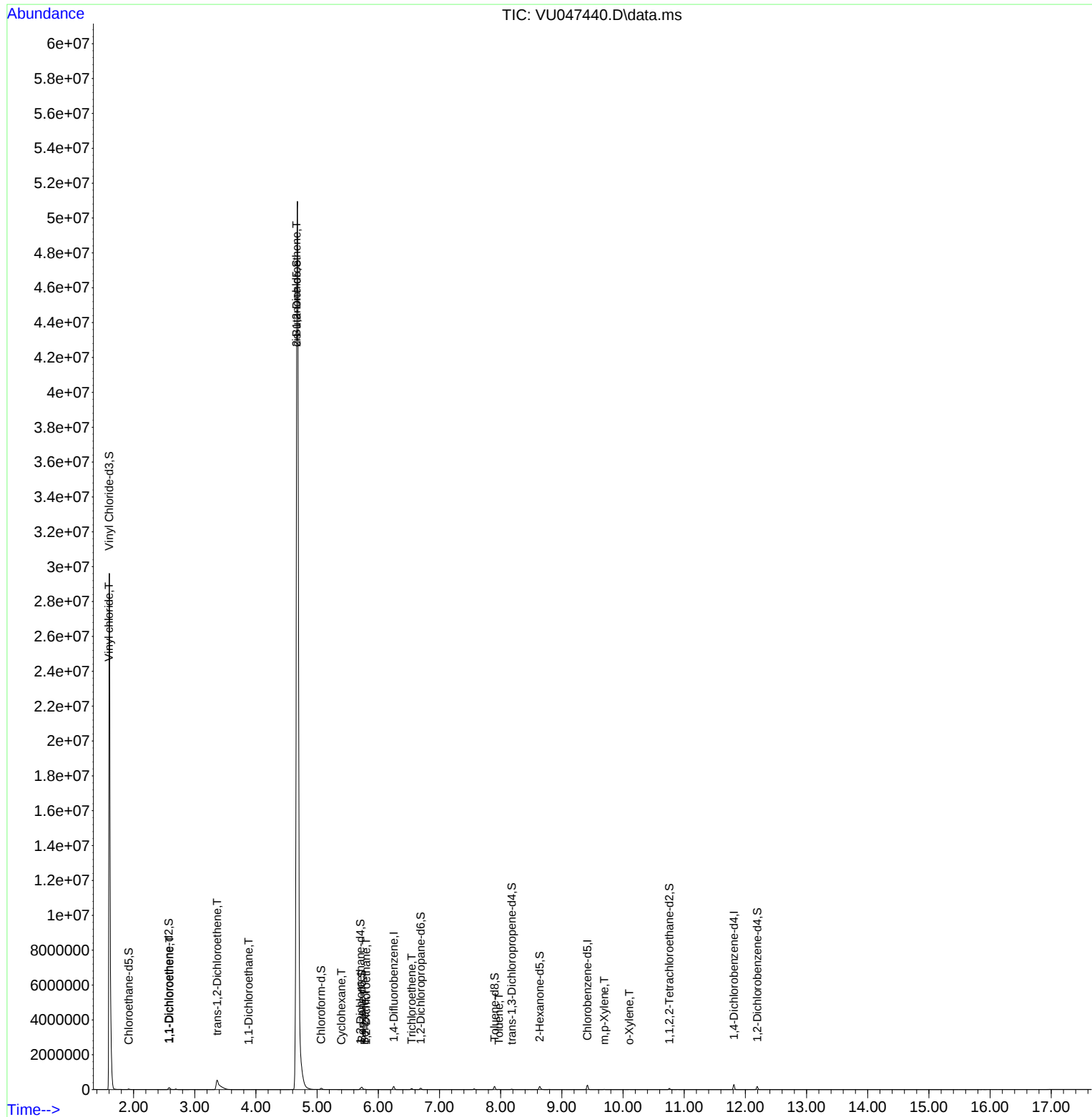
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047440.D
Acq On : 10 Mar 2022 06:53
Operator : SY/MD
Sample : N1857-10
Misc : 25.0mL/MSVOA_U/WATER
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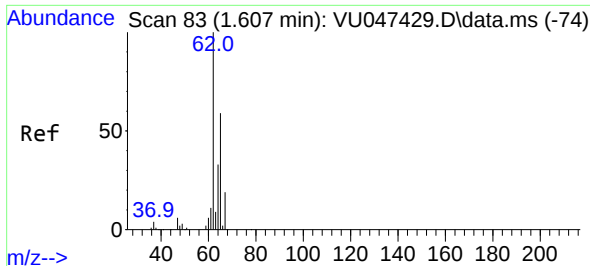
Instrument :
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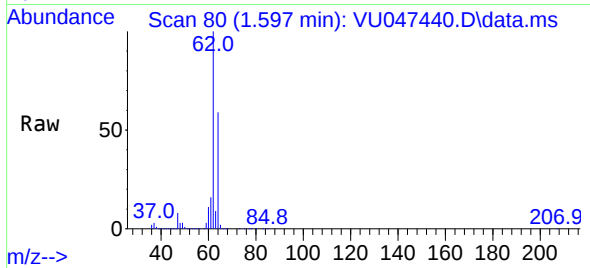
Quant Time: Mar 10 07:49:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 10 03:57:44 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1541.727 ug/L m
 RT: 1.597 min Scan# 80
 Delta R.T. -0.009 min
 Lab File: VU047440.D
 Acq: 10 Mar 2022 06:53

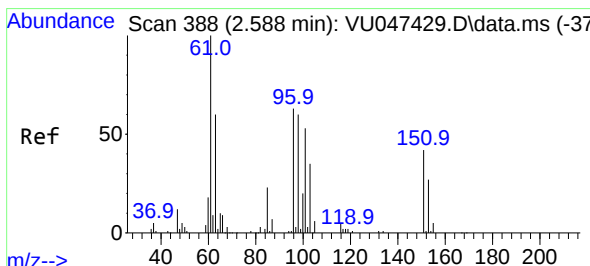
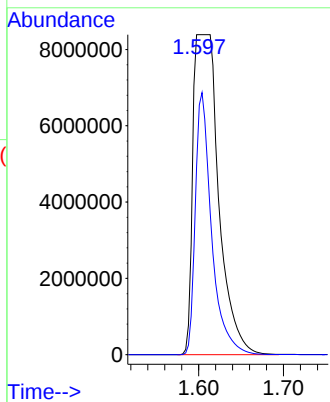
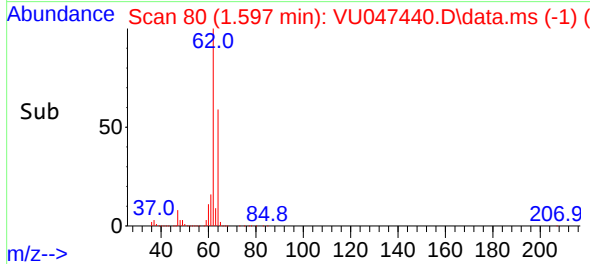
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ1



Tgt Ion: 62 Resp:17747564
 Ion Ratio Lower Upper
 62 100
 64 58.9 23.7 43.9

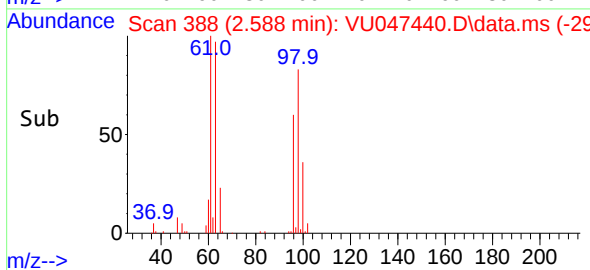
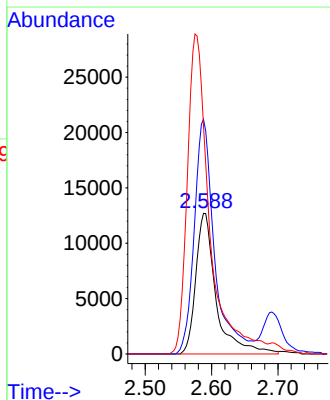
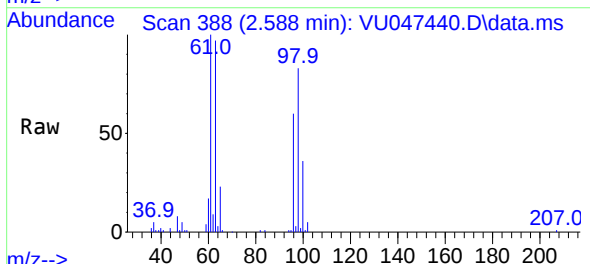
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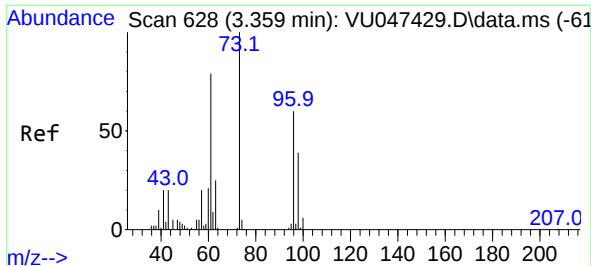
Reviewed By :John Carlone 03/10/2022
 Supervised By :Mahesh Dadoda 03/11/2022



#12
 1,1-Dichloroethene
 Concen: 2.956 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047440.D
 Acq: 10 Mar 2022 06:53

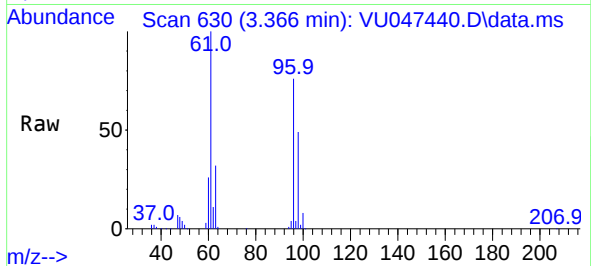
Tgt Ion: 96 Resp: 27169
 Ion Ratio Lower Upper
 96 100
 61 166.8 108.8 202.0
 63 162.5 64.0 119.0





#18
trans-1,2-Dichloroethene
Concen: 54.711 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

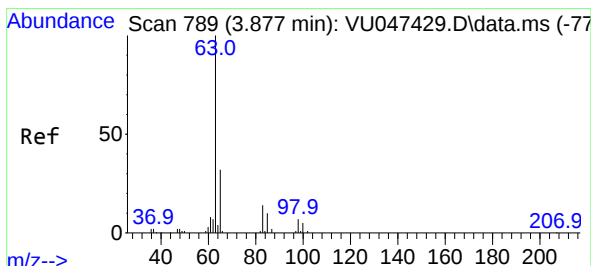
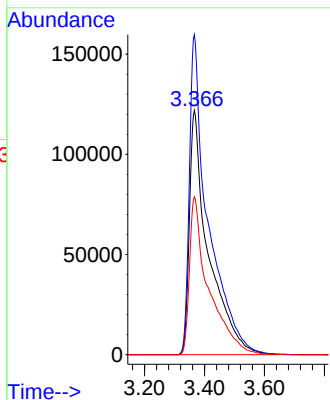
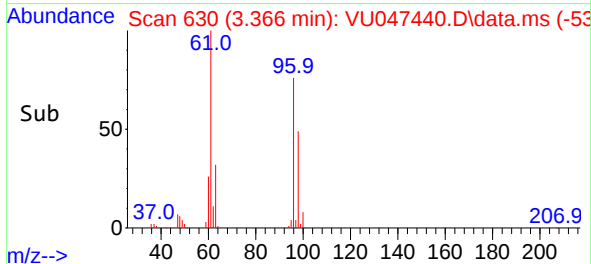
Instrument :
MSVOA_U
ClientSampleId :
ETNJ1



Tgt Ion: 96 Resp: 538304
Ion Ratio Lower Upper
96 100
61 131.0 90.4 167.8
98 64.6 45.0 83.6

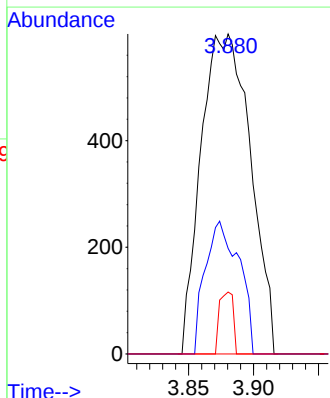
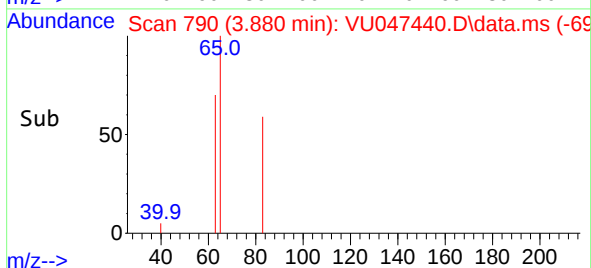
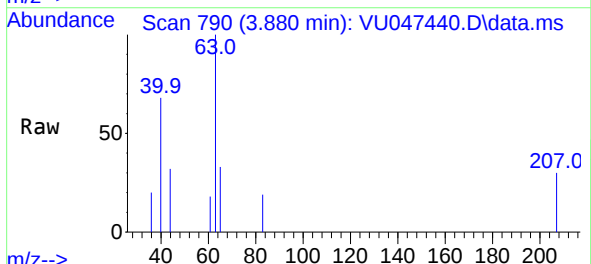
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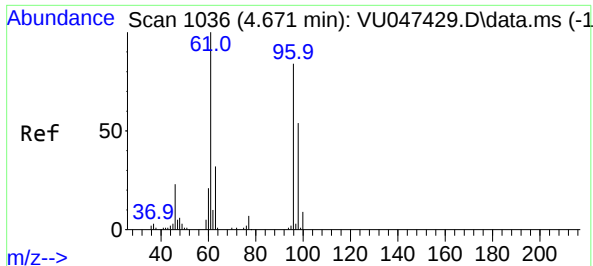
Reviewed By :John Carlone 03/10/2022
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#19
1,1-Dichloroethane
Concen: 0.095 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

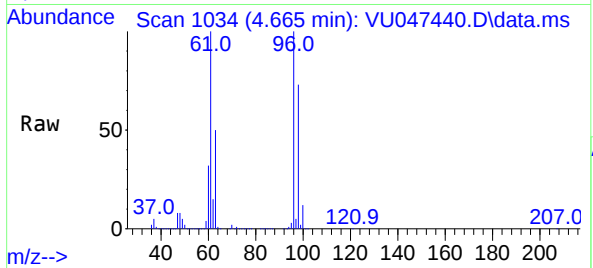
Tgt Ion: 63 Resp: 1587
Ion Ratio Lower Upper
63 100
65 33.0 22.8 42.4
83 19.3 9.9 18.3#





#22
cis-1,2-Dichloroethene
Concen: 2475.180 ug/L m
RT: 4.665 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

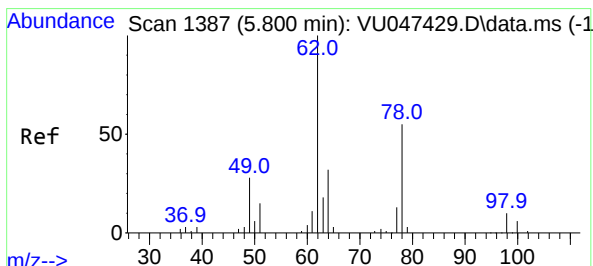
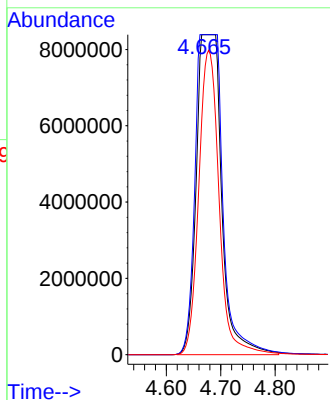
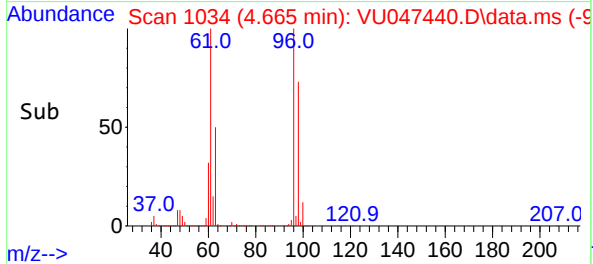
Instrument :
MSVOA_U
ClientSampleId :
ETNJ1



Tgt Ion: 96 Resp: 2698610
Ion Ratio Lower Upper
96 100
61 100.0 80.8 150.0
98 73.2 44.7 83.1

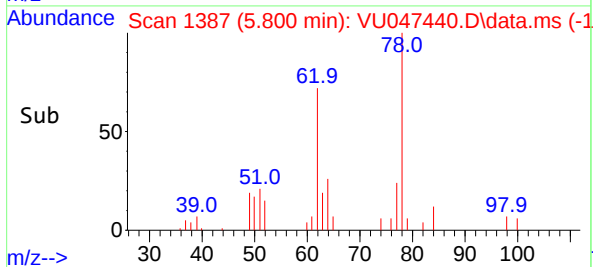
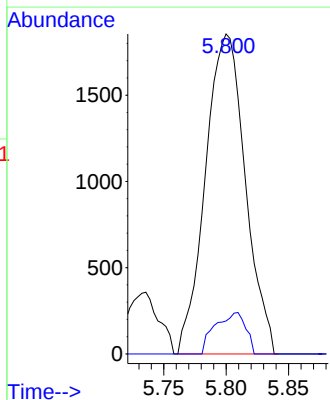
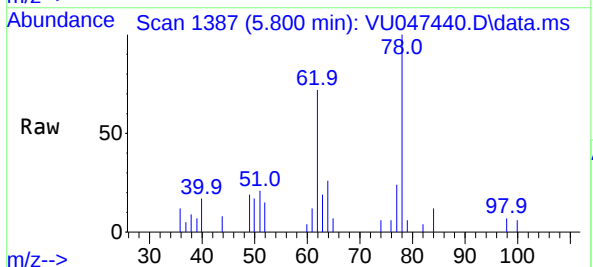
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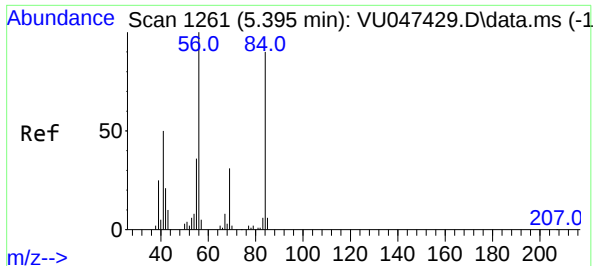
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#27
1,2-Dichloroethane
Concen: 0.354 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Tgt Ion: 62 Resp: 4124
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.8





#30

Cyclohexane

Concen: 0.159 ug/L

RT: 5.398 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047440.D

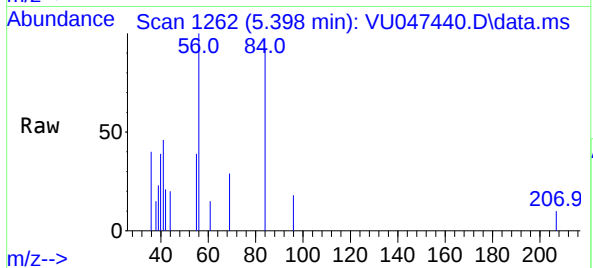
Acq: 10 Mar 2022 06:53

Instrument :

MSVOA_U

ClientSampleId :

ETNJ1



Tgt Ion: 56 Resp: 2362

Ion Ratio Lower Upper

56 100

69 27.5 26.0 39.0

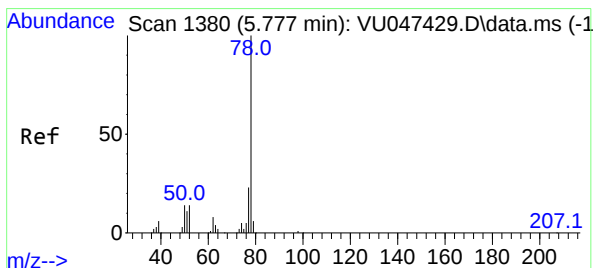
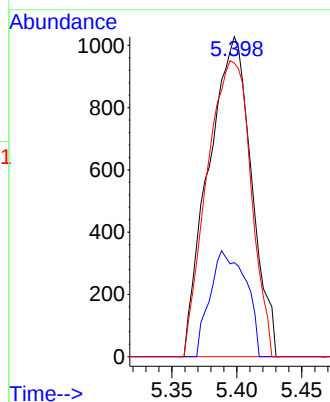
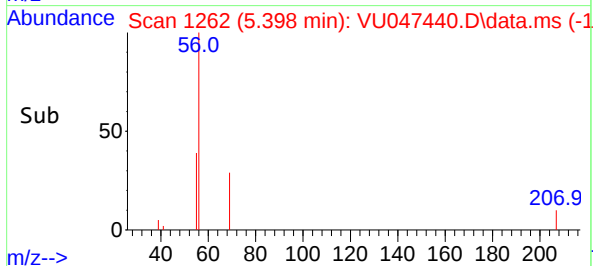
84 94.1 76.3 114.5

Manual Integrations

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#33

Benzene

Concen: 0.476 ug/L

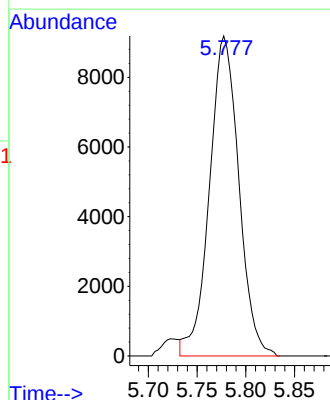
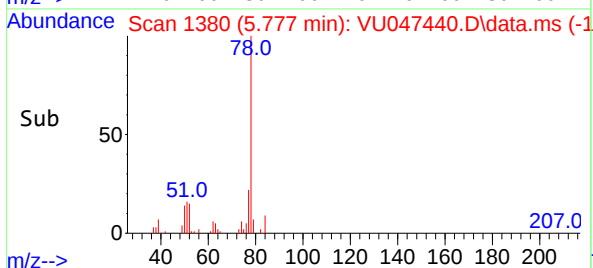
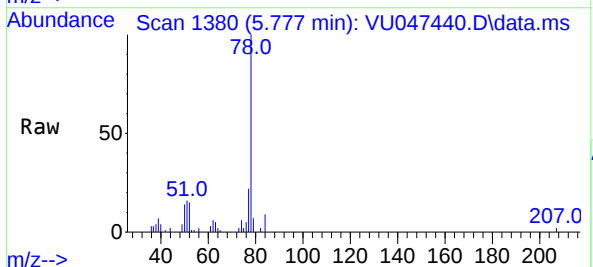
RT: 5.777 min Scan# 1380

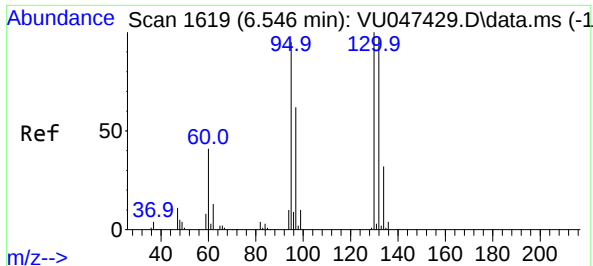
Delta R.T. 0.000 min

Lab File: VU047440.D

Acq: 10 Mar 2022 06:53

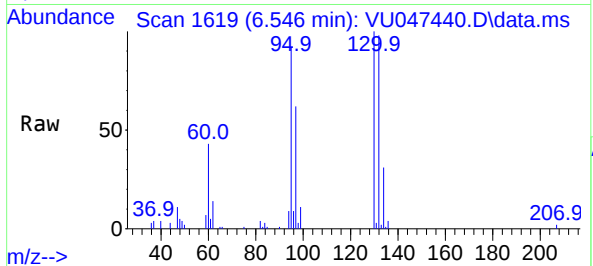
Tgt Ion: 78 Resp: 19229





#34
Trichloroethene
Concen: 1.769 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

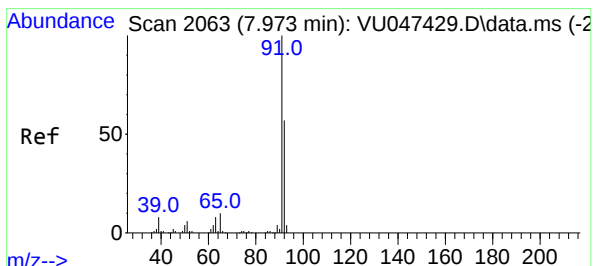
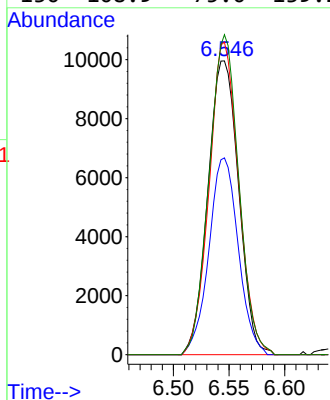
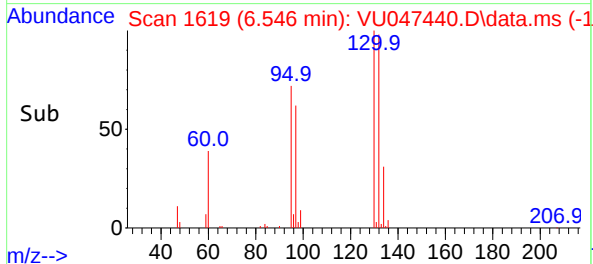
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 19099
Ion Ratio Lower Upper
95 100
97 67.0 46.3 85.9
132 106.3 71.7 133.1
130 108.9 75.0 139.2

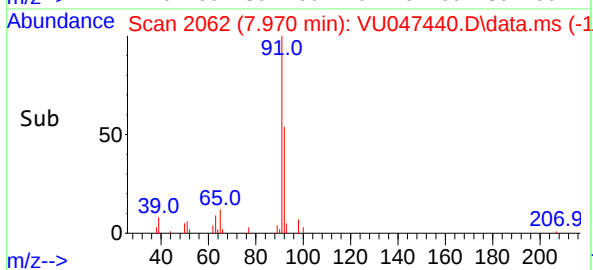
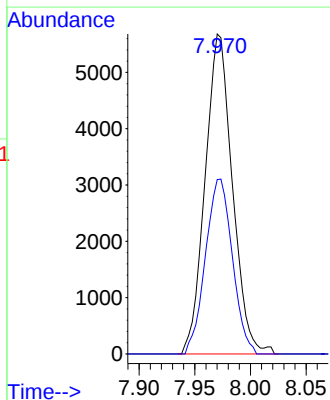
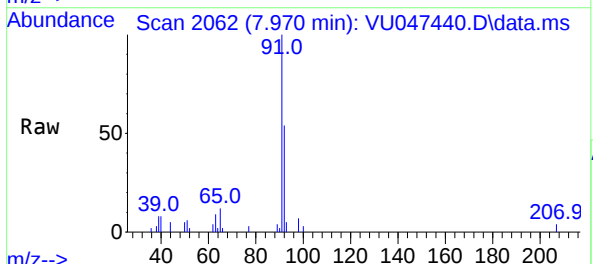
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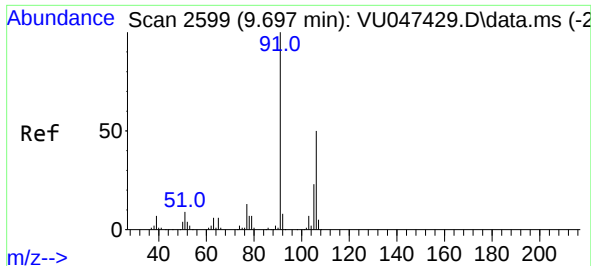
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#42
Toluene
Concen: 0.221 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Tgt Ion: 91 Resp: 9683
Ion Ratio Lower Upper
91 100
92 54.5 40.8 75.8





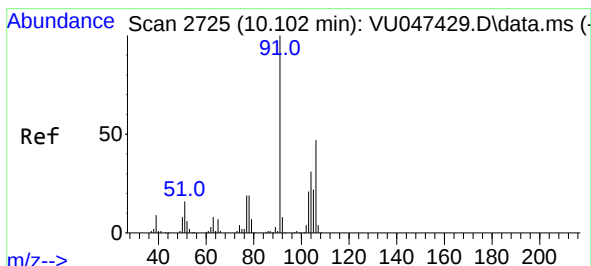
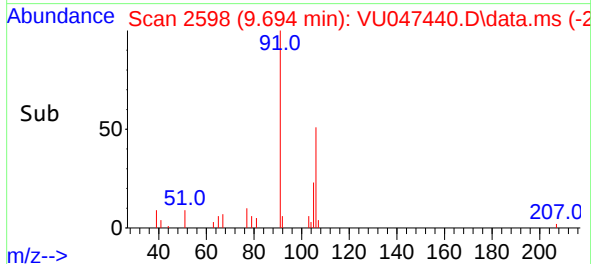
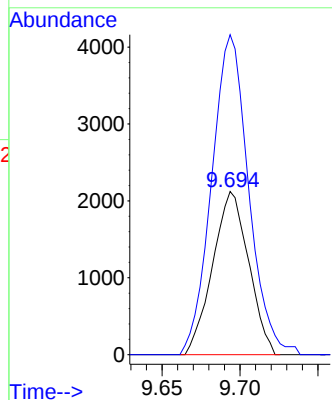
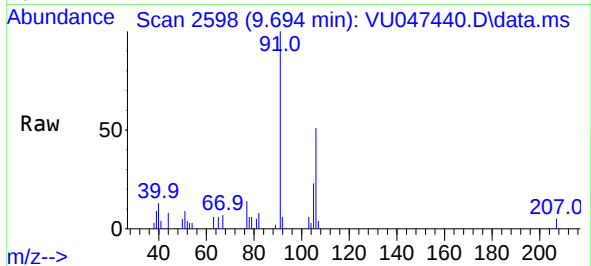
#53
m,p-Xylene
Concen: 0.183 ug/L
RT: 9.694 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:106 Resp: 340
Ion Ratio Lower Upper
106 100
91 196.0 138.8 257.8

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Supervised By :Mahesh Dadoda 03/11/2022



#54
o-Xylene
Concen: 0.150 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Tgt Ion:106 Resp: 2710
Ion Ratio Lower Upper
106 100
91 194.4 149.2 277.0

