

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047436.D
 Acq On : 10 Mar 2022 05:18
 Operator : SY/MD
 Sample : N1857-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH5

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 06:34:01 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	6.250	114	153165	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80160	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	260620	31.374	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	627.400%#	
7) Chloroethane-d5	1.919	69	29196	4.788	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.572	65	16924	4.613	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.662	46	81550	55.139	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.280%	
24) Chloroform-d	5.070	84	63360	4.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.707	65	33620	5.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.732	84	137178	4.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.694	67	40718	4.961	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.899	98	129857	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.179	79	15557	4.464	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.636	63	75446	49.150	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.300%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34636	4.843	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	51598	5.077	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
5) Vinyl chloride	1.597	62	17813138m	1581.420	ug/L	
12) 1,1-Dichloroethene	2.588	96	15547	1.729	ug/L #	40
18) trans-1,2-Dichloroethene	3.359	96	319156	33.150	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	22171327m	2078.243	ug/L	
27) 1,2-Dichloroethane	5.793	62	3911	0.343	ug/L #	94
30) Cyclohexane	5.395	56	2860	0.195	ug/L	87
33) Benzene	5.777	78	35731	0.897	ug/L	100
34) Trichloroethene	6.543	95	5540	0.520	ug/L	96

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

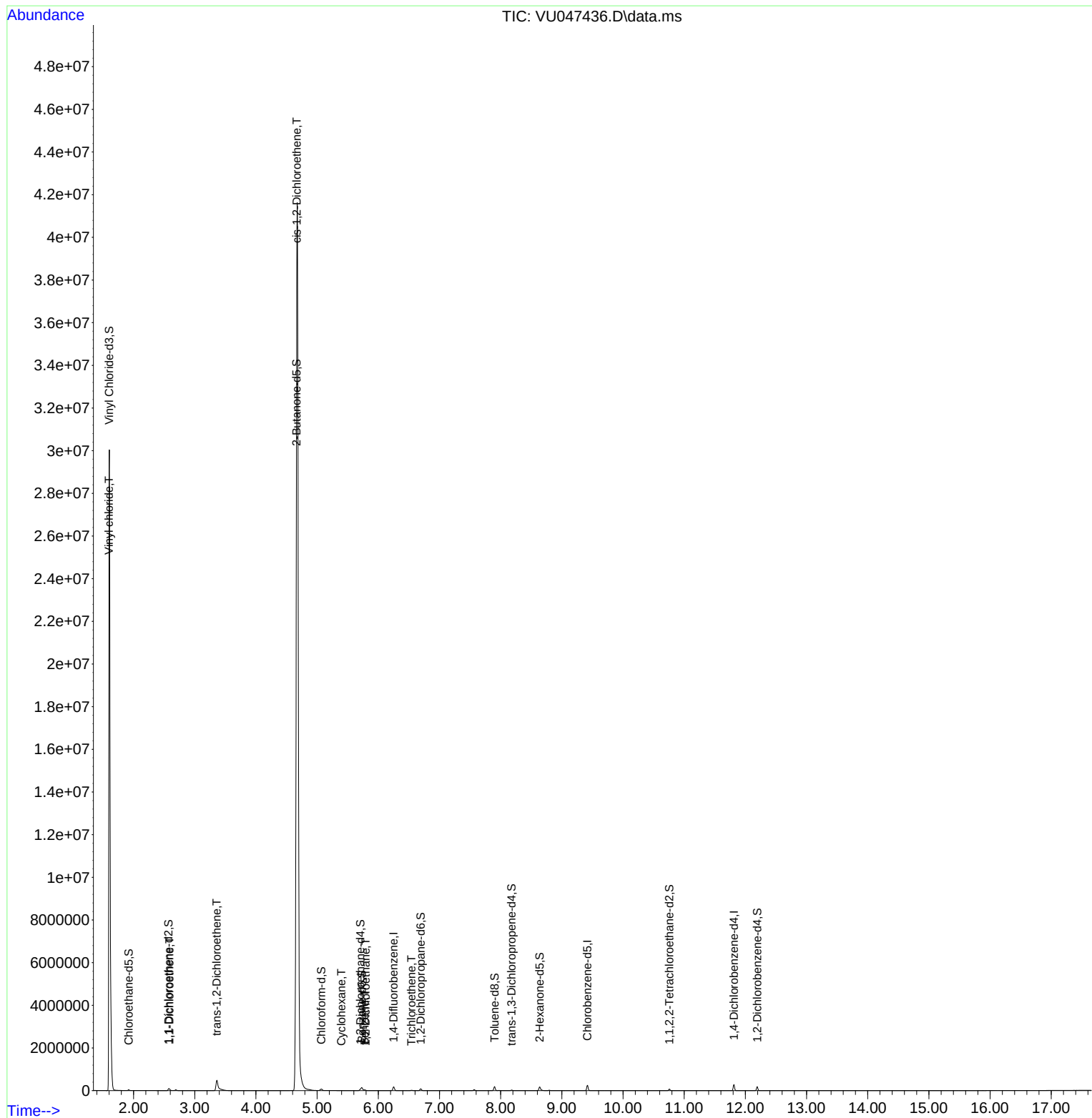
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047436.D
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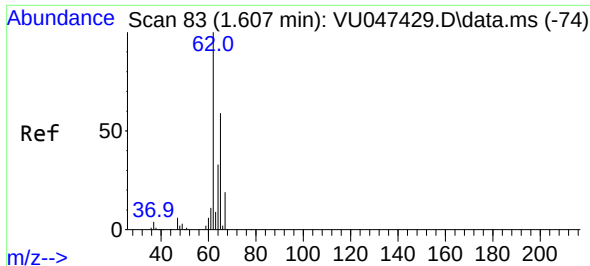
Instrument :
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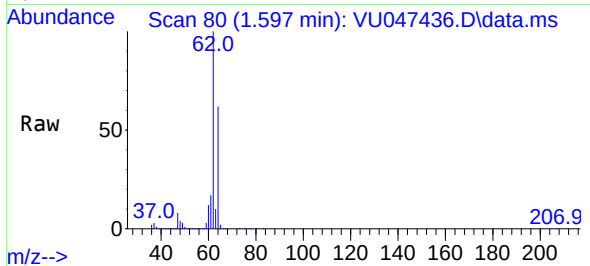
Quant Time: Mar 10 06:34:01 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 10 03:57:44 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1581.420 ug/L m
 RT: 1.597 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: VU047436.D
 Acq: 10 Mar 2022 05:18

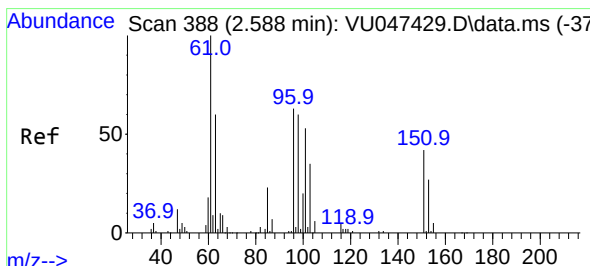
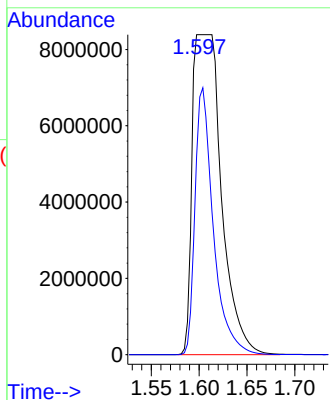
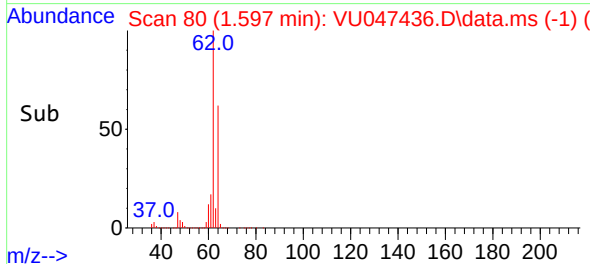
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Tgt Ion: 62 Resp:1781313
 Ion Ratio Lower Upper
 62 100
 64 61.9 23.7 43.9

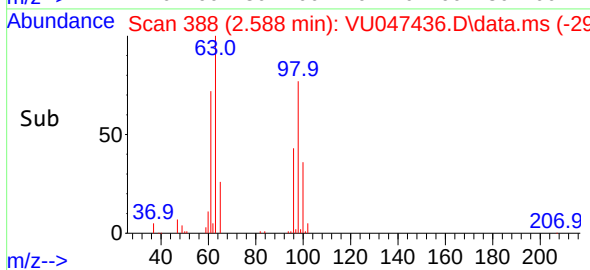
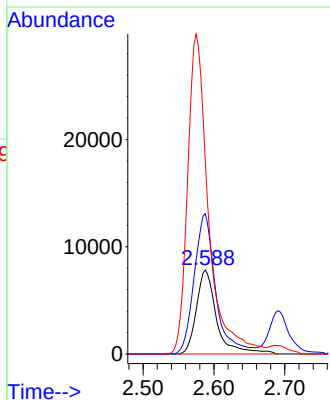
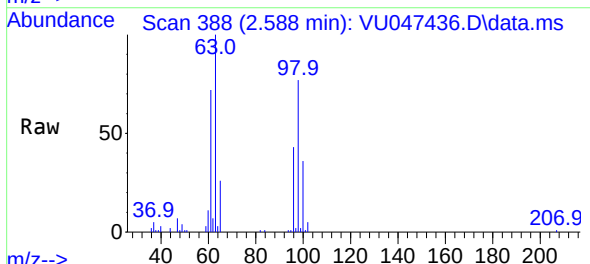
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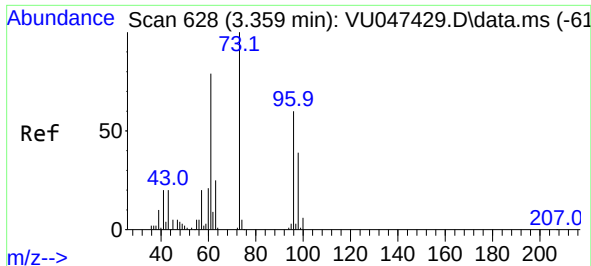
Reviewed By :John Carlone 03/10/2022
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#12
 1,1-Dichloroethene
 Concen: 1.729 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047436.D
 Acq: 10 Mar 2022 05:18

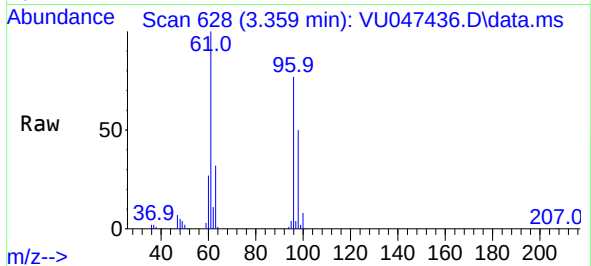
Tgt Ion: 96 Resp: 15547
 Ion Ratio Lower Upper
 96 100
 61 167.1 108.8 202.0
 63 231.1 64.0 119.0





#18
trans-1,2-Dichloroethene
Concen: 33.150 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

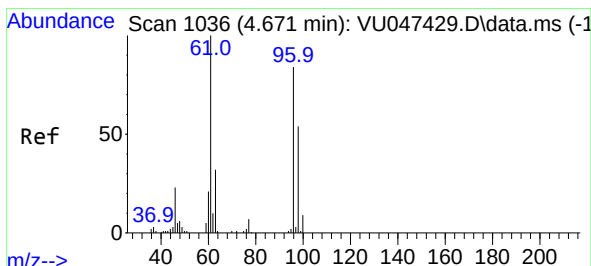
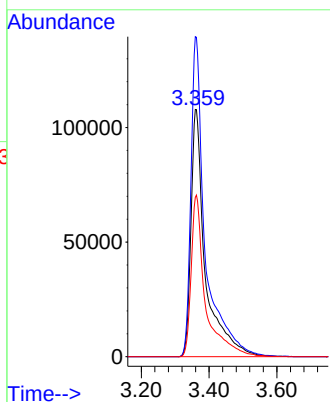
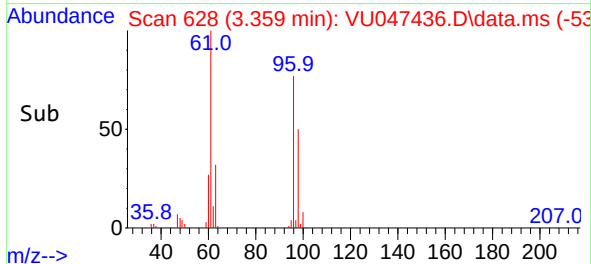
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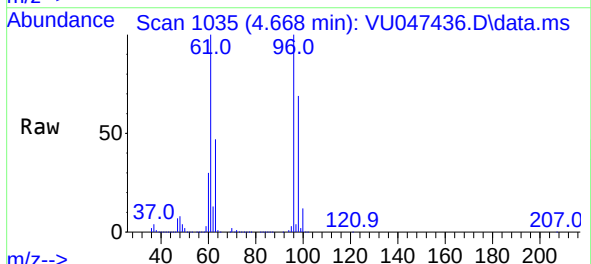
Tgt Ion: 96 Resp: 319150
Ion Ratio Lower Upper
96 100
61 129.5 90.4 167.8
98 64.5 45.0 83.6

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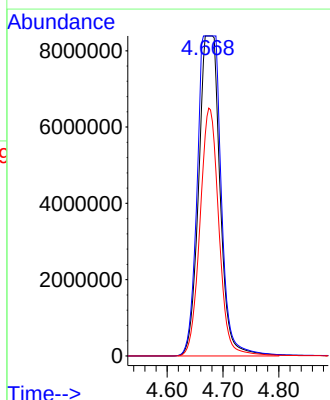
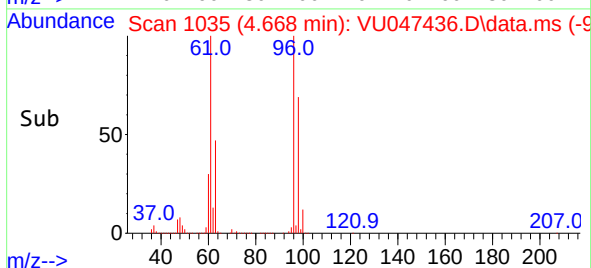
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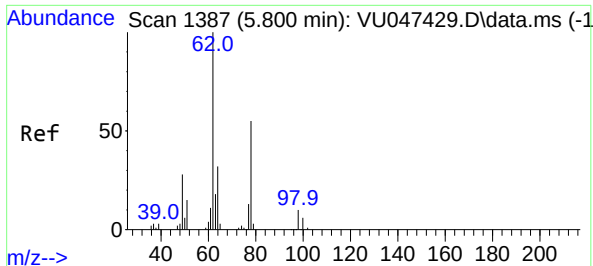


#22
cis-1,2-Dichloroethene
Concen: 2078.243 ug/L m
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18



Tgt Ion: 96 Resp:22171327
Ion Ratio Lower Upper
96 100
61 100.0 80.8 150.0
98 69.1 44.7 83.1





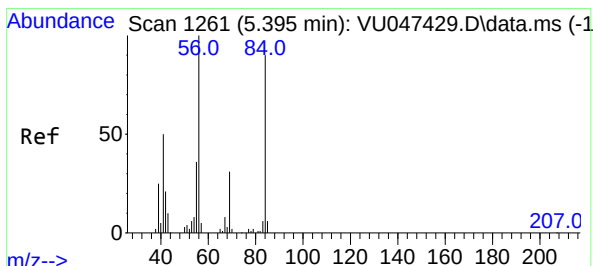
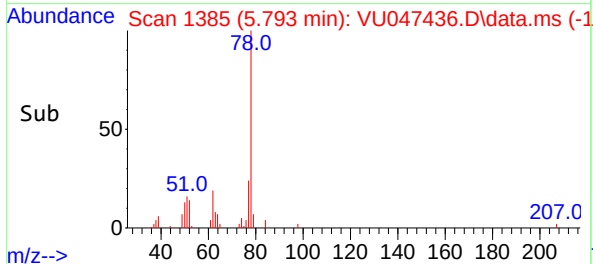
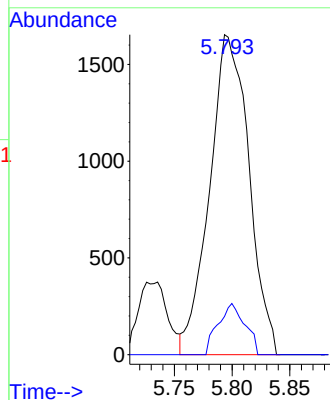
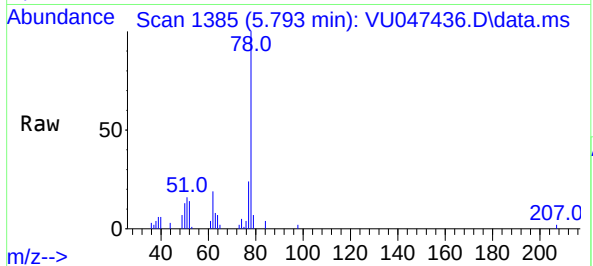
#27
1,2-Dichloroethane
Concen: 0.343 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

Instrument :
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Tgt Ion: 62 Resp: 391
Ion Ratio Lower Upper
62 100
98 11.9 7.8 11.8

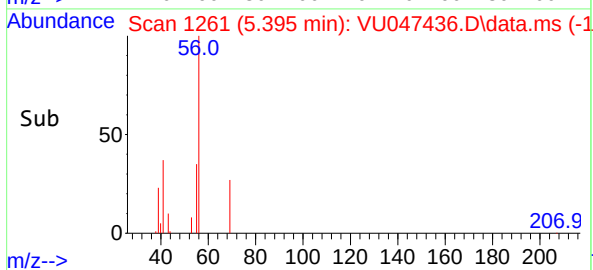
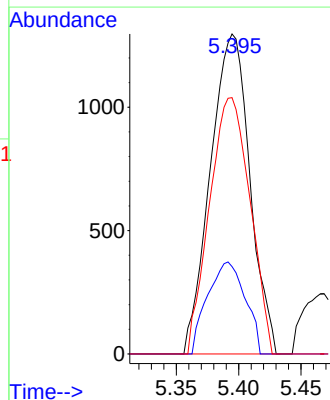
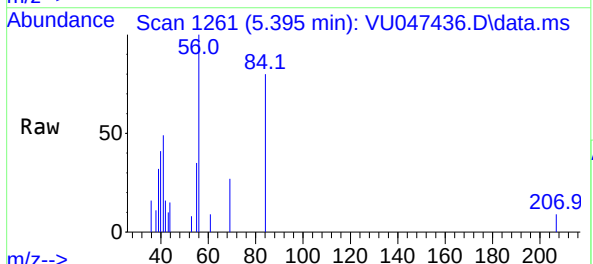
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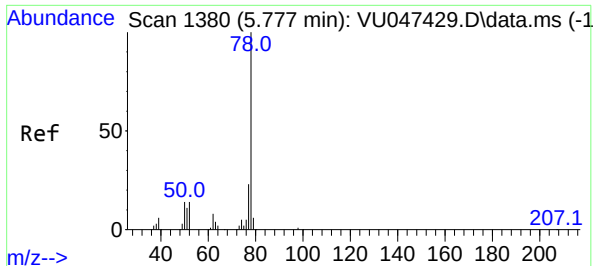
Reviewed By :John Carlone 03/10/2022
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#30
Cyclohexane
Concen: 0.195 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

Tgt Ion: 56 Resp: 2860
Ion Ratio Lower Upper
56 100
69 27.4 26.0 39.0
84 82.0 76.3 114.5





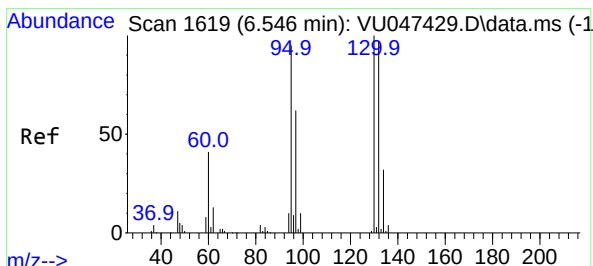
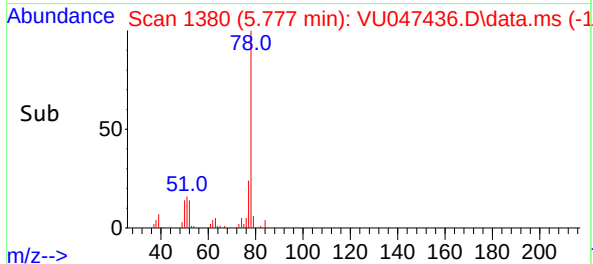
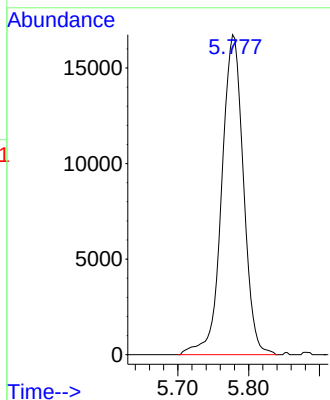
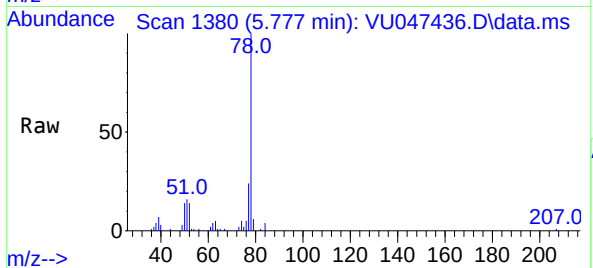
#33
Benzene
Concen: 0.897 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

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Tgt Ion: 78 Resp: 3573

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#34
Trichloroethene
Concen: 0.520 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

Tgt Ion: 95 Resp: 5540
Ion Ratio Lower Upper
95 100
97 66.2 46.3 85.9
132 109.4 71.7 133.1
130 109.9 75.0 139.2

